

Special Instructions: All the participants are advised to submit the Tender Documents on quotations opening date as per following (if quoted more than one item)

- a. Kindly submit Separate Technical / Commercial Offers for each tender #
- b. Kindly submit Separate Tender Fee for each tender #
- c. Kindly submit Separate Earnest Money for each tender #

(For example, if a supplier submits the quotation for tender # 50, 52 & 55 then will submit separate technical / commercial offers and tender fee as well as earnest money for each tender #)

TENDER NOTICE NO. 50-98 & 125-126/2025

**TENDER NOTICE FOR THE PURCHASE OF DIFFERENT MEDICAL EQUIPMENTS AND FURNITURE & FIXTURE
THROUGH OPEN TENDER**

i) A Public Sector General Hospital invites sealed tenders from eligible / reputed firms / suppliers registered with Income Tax / General Sale Tax Department for the purchase of **different medical equipments and furniture & fixture (on FOR Basis) at Public Sector General Hospital, Karachi** under Single Stage – Two Envelopes Bidding Procedure from the eligible tenderers / suppliers / manufacturers for the following items: -

Sr. #	Tender #	Description	Tender Fee	Last Date / Time of Bid submission	Bids Opening Date / Time
1.	50/2025	ECG Machine	2,000/-	02-03-2026 At 10:00 Hrs	02-03-2026 At 10:30 Hrs
2.	51/2025	Defibrillator	2,000/-		
3.	52/2025	Infusion Pump	2,000/-		
4.	53/2025	Syringe Pump	2,000/-		
5.	54/2025	Misc. Medical Items	2,000/-		
6.	55/2025	Nasal C-PAP	2,000/-	03-03-2026 At 10:00 Hrs	03-03-2026 At 10:30 Hrs
7.	56/2025	CTG Machine	2,000/-		
8.	57/2025	Ultrasound Machine	2,000/-		
9.	58/2025	Sonic Aid	2,000/-		
10.	59/2025	Delivery Bed	2,000/-		
11.	60/2025	Vacuum Extractor	2,000/-	04-03-2026 At 10:00 Hrs	04-03-2026 At 10:30 Hrs
12.	61/2025	ENT Head Light	2,000/-		
13.	62/2025	Fluid warmer	2,000/-		
14.	63/2025	Ophthalmoscope Direct & Indirect	2,000/-		
15.	64/2025	Eye Microscope for surgery	2,000/-		
16.	65/2025	Slit Lamp with Tonometer Applicator	2,000/-	05-03-2026 At 10:00 Hrs	05-03-2026 At 10:30 Hrs
17.	66/2025	Retinoscope	2,000/-		
18.	67/2025	Auto Re-Frectometer with Karotometer	2,000/-		
19.	68/2025	Lensometer	2,000/-		
20.	69/2025	Ultrasound A & B Scan with Printer	2,000/-		
21.	70/2025	O.T Light for Eye	2,000/-	07-03-2026	07-03-2026
22.	71/2025	Phaco Emulsifier	2,000/-		
23.	72/2025	Bipolar Diathermy	2,000/-		
24.	73/2025	Combination Unit	2,000/-		
25.	74/2025	Shortwave Diathermy	2,000/-		

26.	75/2025	Ice Therapy	2,000/-	At 10:00 Hrs	At 10:30 Hrs
27.	76/2025	Patient Bed Electric, Over Bed Table, Side Cabinet & Mattress	2,000/-		
28.	77/2025	Cardiac Monitors 5 Parameter	2,000/-		
29.	78/2025	Bipap Machine with HFNO	2,000/-		
30.	79/2025	Oxygen Concentrator	2,000/-		
31.	80/2025	Phototherapy Unit	2,000/-		
32.	81/2025	Ultrasonic Heavy-Duty Nebulizer	2,000/-		
33.	82/2025	Examination Light LED	2,000/-	09-03-2026 At 10:00 Hrs	09-03-2026 At 10:30 Hrs
34.	83/2025	Electric Caurty	2,000/-		
35.	84/2025	CSSD Autoclave Complete	2,000/-		
36.	85/2025	Centrifuge Machine	2,000/-	10-03-2026 At 10:00 Hrs	10-03-2026 At 10:30 Hrs
37.	86/2025	Microscope Single	2,000/-		
38.	87/2025	Lab Incubator	2,000/-		
39.	88/2025	Lab Autoclave	2,000/-		
40.	89/2025	Blood Bank Incubators	2,000/-		
41.	90/2025	Water Bath	2,000/-	11-03-2026 At 10:00 Hrs	11-03-2026 At 10:30 Hrs
42.	91/2025	Tube Sealer	2,000/-		
43.	92/2025	Blood Bag Shaker	2,000/-		
44.	93/2025	PLT Agitator	2,000/-		
45.	94/2025	Blood Bag Storage Refrigerator 4° C	2,000/-		
46.	95/2025	Freezer -40° C	2,000/-	12-03-2026 At 10:00 Hrs	12-03-2026 At 10:30 Hrs
47.	96/2025	X-Ray (Digital Sensor + Portable Device) (Dental Chair)	2,000/-		
48.	97/2025	Washer, Dryer, Iron Press & Spinner	2,000/-		
49.	98/2025	RO Plant	2,000/-	13-03-2026 At 10:00 Hrs	13-03-2026 At 10:30 Hrs
50.	125/2025	Patient Bed Manual, Over Bed Table, Side Cabinet & Mattress	2,000/-		
51.	126/2025	Furniture & Fixture	2,000/-		

ii) A set of tender documents along with terms and conditions can be downloaded from **PPRA website: www.ppra.org.pk** at a cost of **Rs. 2,000/- separately for each tender** payable in the shape of "Pay Order/Demand Draft" in favor of "**Head LAO, Public Sector General Hospital, Islamabad**". The Pay Order/Demand Draft and tender request must be submitted along with tender proposals before closing date of tender. No Tender / Proposal will be accepted without Tender Fee.

iii) This tender can be seen on PPRA website www.ppra.org.pk also.

iv) The Competent Authority reserves the right to reject any or all the tenders.

Admin Officer
Public Sector General Hospital
H-11/4 Islamabad
Ph: 051-9257171 Ext: - 289

INSTRUCTIONS
TO FILL UP THE TENDER DOCUMENTS
Technical worksheet

- Download file named "Tender File medical equipments and furniture and fixture" from URL: www.ppra.org.pk for quoting technical specification of "Medical Equipment".
- Open relevant file.
- Save the file when it is complete to fill up the cells of as many brands as you want to quote.
- Please write "NQ" against non-quoted items in empty cells.
- Technical Proposal should not indicate any price. There will be two different envelopes, one for Technical Proposal only and one for Financial Proposal. All pages of hard copy should be stamped, signed and with dated of Technical Proposal. The format of which is contained in the required proposal attached with tender documents available at PPRA website.
- In addition to the hard copy, a soft copy as CD / Flash Drive should also be submitted with the technical proposal in MS Excel / MS Office format.
- The hard and soft copies should be identical.
- Variation in hard and soft copy will not be acceptable.
- Put duly signed / stamped print-outs and CD / Flash Drive of "Technical" worksheet in an envelope and name it as "Technical Proposal" along with following documents:
 - i) GST Certificate
 - ii) NTN Certificate
 - iii) Professional / Trade Tax Clearance Certificate
 - iv) **Original Bank Draft of Earnest Money 2% of total value of equipment**
 - v) Valid Authority/ Distribution letter
 - vi) **Original Bank Draft of Rs. 2000/- as Tender Fee (in separate envelope)**
 - vii) Agency agreement with manufacturer (foreign / local)

- Properly seal the envelope named "Technical Proposal".

Financial worksheet

- Open same saved file again as above.
- Take print outs of "Financial" worksheet and sign & stamp each page.
- Write a CD / Flash Drive or "Save As" the file in CD / Flash Drive for making a soft copy of "Financial" worksheet (Keep it in mind that Technical worksheet will also be included in the saved file).
- Put duly signed / stamped print-outs and CD / Flash Drive of "Financial" worksheet in an envelope and name it as "Financial Proposal".
- Put both the envelopes named "Technical Proposal" and Financial Proposal" in a large envelope and Mark it as "Tender for Medical Equipment" and properly seal it. Submit the tender documents to the specified address: **Admin Officer, Public Sector General Hospital, H-11/4, Islamabad (PGHI)** or directly drop it to the office of Procurement Branch, Islamabad.

TERMS & CONDITIONS
PUBLIC SECTOR
GENERAL HOSPITAL H-11/4
ISLAMABAD

No. Hosp-1(01)/25/PGHK

Dated: -02- 2026

M/S

Subject: **TENDER ENQUIRY FOR THE SUPPLY OF "MEDICAL EQUIPMENTS" THROUGH OPEN TENDER**

Dear Sir,

The following instructions may kindly be complied with while forwarding quotations for the supply of "medical equipment" through open tender basis for **FOR basis at Public Sector General Hospital, Karachi.**

1. The quotations should be addressed to **Admin Officer, Public Sector General Hospital, H-11/4, Islamabad.** The bidders will submit their offers using single stage two envelopes bidding procedure as per following details: -
 - I. The bid will be comprised of a **Single Package containing Two Separate Envelopes**. Each envelope will contain separately the "Technical Proposal" and the "Financial Proposal" in both soft and hard copy in the shape of **CD / Flash Drive and print-outs respectively.**
 - II. The separate envelopes should be marked as "**TECHNICAL PROPOSAL**" and "**FINANCIAL PROPOSAL**" in **bold and legible letters** in order to avoid confusion.
 - III. Initially only the envelopes marked "**TECHNICAL PROPOSAL**" will be opened.
 - IV. The envelopes marked as "**FINANCIAL PROPOSAL**" will be retained in safe custody without being opened until opening date for financial proposals.
 - V. The technical proposal will be evaluated **without reference to any Price** and any proposal that do not conform to the specified requirements will be rejected.
 - VI. No amendment in the Technical Proposal will be permitted during evaluation.
 - VII. The Financial Proposal of the bids will be opened publicly at a specified time, date and venue announced and communicated in advance to the bidders of technically accepted bids only. The Financial proposal of the bids found non-responsive or without offered rates will be returned to the respective bidder and would be treated as cancelled.
 - VIII. The firm will submit only one quotation against one tender document. For alternate quotations, if any, the firm will purchase separate tender documents and **also will submit bid security along with each technical offer.**
 - IX. **Only those firms will be considered as eligible to participate in this tender, which would have stock available with them. The supply must be made within two weeks from the date of supply order.**

General terms & conditions:

2. All the **Technical Proposals and Financial Proposals** in **Sealed Envelopes** clearly marked as "purchase of (**separately for each tender #**) should reach the undersigned on or before the tender opening date already **mentioned in advertisement** up to **10:00am**. Technical bids of **each item** will be opened on opening date as **already mentioned in advertisement** at **10:30am** in **Conference Room, Public Sector General Hospital, Sector H-11/4, Islamabad** in the presence of bidders who would have submitted their offers as per instructions/ requirements and intend to be present. **In case of falling holiday on the opening date, the tenders will be opened on the next working day at the same time.**

Special Instructions: All the participants are advised to submit the Tender Documents on quotations opening date as per following (if quoted more than one item)

- a. Kindly submit Separate Technical / Commercial Offers for each tender #
- b. Kindly submit Separate Tender Fee for each tender #
- c. Kindly submit Separate Earnest Money for each tender #

(For example, if a supplier submits the quotation for tender # 50, 52 & 55 then will submit separate technical / commercial offers and tender fee as well as earnest money for each tender #)

3. **No tender will be considered if:** -

- a. It is received after the time and date fixed.
- b. The tender and related documents are not signed.
- c. The offer is ambiguous.
- d. Items offered differ in descriptions/requirements/format etc. from those required.
- e. It is submitted without tender fee, earnest money or with less earnest money as a general policy.

4. **Following Documents must be attached with Technical Proposal:** -

- i. GST Certificate
- ii. NTN Certificate
- iii. Profession / Trade Tax Clearance Certificate
- iv. Original Earnest Money
- v. Valid Authority/ Distribution letter **(Sindh Region Only)** **(Items quoted without authority letter will not be considered)**

5. **The offered rates/quotation will be valid for 90 days.**

6. **Earnest money @ 2% total value of contract value** in the form of **Pay Order/ Bank Draft**, in favor of **Head LAO, Public Sector General Hospital, Islamabad** must be attached **along with the Technical Offer in separate sealed envelope. Financial proposal should contain only offered price / rate.**

7. Earnest money will be returned to the unsuccessful bidders soon after finalization of the financial proposal.

8. The supplier is required to present his agency agreement **(Sindh Region only)** with the manufacturer (local or foreign) to establish linkage with the manufacturers for the products authorized for sale by the distributor. PGHI will have the right to verify authenticity of agency agreement.

9. The quantities to be purchased from the suppliers can be increased or decreased as per requirements of PGHK. The suppliers are to ensure timely delivery of equipments as specified failing to which liquidated damages / late delivery (L.D) charges will be applied @ 2% per day subject to a maximum of 10% of the purchase order.
10. **Special Instructions: -**
 - i. GST / Income Tax will be charged as per prevailing Govt Rules
 - ii. Suppliers/Distributors are bound to submit a valid authority letter/sole distribution certificate (**Sindh Region Only**) for all the quoted brands failing which offer will not be accepted and the same must be attached along with the **TECHNICAL PROPOSAL**.
 - iii. No change will be allowed during the currency of contract in supplier's distribution and the supply orders will be generated in the name of same supplier quoted in the tender.
 - iv. Rates must be quoted in the specified file available on PPRA website. Any proposal submitted without observing the instructions will be rejected.
 - v. **It should be clearly mentioned in your quotations (Both in Technical/Commercial) whether your quoted rates are inclusive OR exclusive of GST.**
11. Any correspondence regarding this tender must be addressed to **Admin Officer, Public Sector General Hospital, H-11/4, Islamabad** only. For any additional information contact on telephone numbers mentioned below.
12. The Competent Authority reserves the right to accept or reject any or all the offers.

(Muhammad Anwar Kamal)

Admin Officer

Public Sector General Hospital, H-11/4, Islamabad

Phone: 051-9257171 Ext: 289

Fax: 051-9258862

TECHNICAL SPECIFICATIONS OF MEDICAL EQUIPMENTS

Following are the minimum requirements. Products offered must meet these parameters here in.

Tender No. 50/2025 ECG Machine

General Feature:

- **LCD Display:** Minimum 7"inch High-resolution display real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.

Technical Specification:

- Instrument Type: 12-lead electrocardiograph
- Input channels: Simultaneous acquisition of all 12 leads
- Standard Leads Acquired: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
- Waveform Display: Backlit: 3-lead groups, 8 or 12-lead presentation
- Digital Sampling Rate: 12,000s/sec/channel used for pacemaker spike detection; 1000 s/sec/channel used for recording and analysis.
- Paper Type: Thermal paper, A4 Size (Z fold).
- Thermal Printer Speed: 5, 10, 25, or 50 mm/s
- Gain Setting: 5, 10, or 20 mm/mV
- Report Print Formats: Standard or Cabrera: 3, 3+1, 3+3, 6, or 12 channels
- Rhythm Print Formats: 3, 6, or 12 channels with configurable lead.
- Keyboard Type: Elastomer keyboard with complete alphanumeric keys, soft-key menu, and dedicated function keys.
- Frequency Response: 0.05 to 300 Hz
- Filters: High-performance baseline filter; AC interference filter 50/60 Hz; low-pass filters 40 Hz, 150 Hz, or 300 Hz
- ECG Storage: Internal storage up to 60 ECGs; optional expanded up to 150 ECGs
- USB (64 GB) along with USB port.
- Battery capacity: Built in battery (2 hours of normal use approximately 100 automatic ECG printouts)
- Power Requirement: 100-240 VAC at 50/60 Hz.

Standard accessory:

- a) Power cord: Qty-01
- b) Patient cable: Qty-01
- c) Limb electrode (Paeds & Adult) Qty-01 each
- d) Chest ball electrode (Paeds & Adult) Qty-01 each
- e) Chart paper: Qty-01
- f) Rechargeable battery Qty-01
- g) ECG paper Qty-20
- h) Trolley with patient cable hanger and lockable caster.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Firm must provide

- FDA K 510/ CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 1) Operator/User Manual
 - 2) Service Manuals consisting of

- Working principal
- Trouble shooting chart
- Alignment /Adjustment
- Fault finding / Calibration Software
- All electrical /electronic/mechanical schematic circuit diagram
- Part list at component level

The firm has strong set up for back up support in Karachi.

Country of Origin: EU, USA, Japan, China, Turkey

Tender No. 51/2025 Defibrillator

General Specification:

1. **Biphasic** transthoracic (external) defibrillator with 7"-inch minimum LCD color display.
2. **Synchronized** output with ECG.
3. **Charging Indicator** on External paddles.
4. **Quick selection** of Defibrillation mode to AED and vice versa through rotary switch (For quick energy selection)/Button.
5. The energy range should be adjustable for Peads and Adults up to **200 Joules**
6. Charging Time for 200J should be less than **05 sec**
7. Audible and graphic
8. Real time CPR Feedback
9. The ECG **baseline recovers within 3 seconds** after defibrillation.
10. Display of HR, **ECG through paddles** and Lead I.II & III patient cable.
11. Built-in recorder for printing on standard **50mm** paper or larger
12. **Alarms** for High and low Heart rate, low battery warning.
13. Built-in Rechargeable battery with charger for minimum **100 shocks** at maximum energy.
14. **Auto tester/** self-check.
15. External Paddles (Adult & Pead)
16. **AED** facility.
17. **Built in Pacing facility**
18. AC 220V /50Hz operated.

Standard Accessories:

- a) Complete with standard accessories, including reusable paddles type Adult & Pediatric.
- b) AED pad will be provided free of cost. Qty-02
- c) Accessories bag Qty-01
- d) Gel: 1 Gallon 5L

Optional Accessories: Reusable internal paddle must be quoted.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

- FDA k 510/ CE (MDD)/ MHWL *(Any one certification required)
- Sole Distribution certificate must be provided.

WARRANTY/GUARANTEE:

- Three- years warranty & part after installation and 10 years' part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 3) Operator/User Manual
 - 4) Service Manuals consisting of
 - Working principal
 - Trouble shooting chart
 - Alignment /Adjustment
 - Fault finding / Calibration Software
 - All electrical /electronic/mechanical schematic circuit diagram

- Part list at component level

The firm has strong set up for back up support in Karachi.

Country of Manufacturer: USA, EU, JAPAN

Tender No. 52/2025 Infusion Pump

General Feature: -

- Different infusion Mode: Rate Mode, time mode, body weight mode, loading dose mode or better.
- Touch screen auto lock.
- Automatic control of infusion rate independent of venous or arterial pressure, solution container height, and solution viscosity
- Automatic switchover to keep vein open (KVO) rate of 5.0 ml/ hr (or previous rate, whichever is less)
- Portable operation from self-contained rechargeable battery
- Light indicates main or battery operation.
- Drug library 500 types.
- Have battery backup not less than 5 hrs.

Technical Specification

1) Flow Sensor:

- Detection of no flow situation

Display:

- Numeric display, indicating flow rate and volume information. Run indicator, Volume Infused and KVO.

SET INFUSION RATE:

- 0.1 – 999 ml / hr.

Rate Range:

- 0.1-999 ml/hr in 1 ml increments

Volume Limit Selection:

- From 0.1 - 1000 ml.
- Accuracy within +/- 2%

KVO Rate

- 5 ml/hr or set rate whichever is lower.

Alarms (Visual and Audible):

Activated by:

- Empty Container.
- Occlusion
- Low Battery
- Open door
- Air-in-line detector
- Internal malfunction

General aspects

- Non-dedicated, compatible to common disposable I/V sets available in local market.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K 510/ CE (MDD)/ MHLW (any one certification required)
- Require install base 2 years minimum 05 satisfactory report (quoted model) from different institute Karachi.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.

- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 1) Operator/User Manual
 - 2) Service Manual

Country of Origin: EU, USA, Japan, China, Turkey

The firm has strong set up for back up support in Karachi.

Tender No. 53/2025 Syringe Pump

General Features: -

- ❖ Should have automatic identify different size (5/ 10/ 20/ 30/ 50/ 60 ml)
- ❖ Should have minimum 6 infusion mode or more.
- ❖ Display should be more than 3 inch and LCD touch screen with screen lock function.
- ❖ Should capable to connect with central monitoring system.
- ❖ Should connect to HIS/ CIS via WLAN or LAN.
- ❖ Should be able to store 20 or more recent therapy to use for fast infusion.
- ❖ Should be able to change infusion rate during infusion without stopping.
- ❖ Should have selectable bolus modes (manual and automatic)
- ❖ Rate range: 0.1 – 1500 ml/h, with 0.01 ml/h increment.
- ❖ Total volume display: 0.1 – 9999.9 ml.
- ❖ Mechanical accuracy $\pm 1\%$, accuracy including syringe $\pm 2\%$.
- ❖ KVO rate: 0.1 ml/h to 5 ml/h adjustable.
- ❖ Occlusion level: 225 – 975 mmHg alarm with audio and visual reminder.
- ❖ Calibration function, self-definition for all syringes compliant to the standard.
- ❖ **Alarms:** Nearly empty, infusion complete, Occlusion, No battery, Low battery, No AC power, No DC power, Plunger/ clutch disengage, Syringe disengaged, Reminder, Self-test error, invalid rate and the limited volume less than or equal to total volume.

Special Function:

- ❖ Repeat alarming: if there is still alarm after mute alarm sound, it will alarm again.
- ❖ 1000 record can be stored and reviewed.
- ❖ Battery can support up to 5-hour standard and should be able extend it to 20 hours (@ 10 ml/h infusion rate)

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

" Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Firm must provide

- FDA K 510/ CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- ❖ Three-years warranty with free service and part after installation and 10 years part availability at component level.
- ❖ **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - Operator/User Manual
 - Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: EU, USA, Japan, China, Turkey, Korea

Tender No. 54/2025 Misc. Medical Items

Dianamap/ Vital Sign

General Feature

- Display: Color touch screen LCD
- Parameter: SPO2, Pulse, NIBP
- Portable design with handle
- Display range: 0% ~ 100%
- Data memory: 168 hours, resolution: 1 min
- Built in rechargeable battery min back up for 05 hrs.

Technical Specifications

SPO2:

- Range of display: 0 to 100%
- Resolution: 1 bpm or better

Accuracy:

- Average mode: 10 sec

Pulse Rate:

- Measurement range: 20 to 300 bpm
- Resolution: ±1 bpm or better

NIBP

Measurement modes: - Manual, Automatic, Continuous (STAT)

- **Cuff pressure display** 0 to 300 mmHg
- **Cuff inflation pressure** Adjustable

NIBP Measuring Range:

Cuff Pressure Range:	0 ~ 290 mmHg (Adult/ Pediatric)
	0 ~ 145 mmHg (Neonate)
Systolic:	30 ~ 290 mmHg (Adult/ Pediatric)
	30 ~ 140 mmHg (Neonate)
Map:	20 ~ 260 mmHg (Adult/ pediatric)
	20 ~ 125 mmHg (Neonate)
Diastolic:	10 ~ 220 mmHg (Adult/ Pediatric)
	10 to 110 mmHg (Neonate)

Display/ Alarm: Physiological visual and audible.

- High/ Low, communication stop/ error, No sensor/ sensor off, search timeout, search pulse (weak).
- Systolic, Diastolic and mean NIBP, air pressure error, over range/ pressure.
- Alarm status, trends, battery status and battery low.

Standard Accessory (must be provided with equipment)

1. SPO2 probe (Adult, Peads, Neonate) 01 each
2. NIBP Cuff (Adult, Peads, Neonate) 01 each
3. Power cards 01

TERM AND CONDITION

- FDA/CE/ MHLW certificate (any one certificate required)
- Sole Distribution certificate must be provided.

Warranty: Three-years warranty with free service and part after installation and 10 years part availability at component level.

Manual: Two sets each of the following manual in English languages will be provided free of cost in original form.

- a) Operator/User Manual
- b) Service Manuals consisting of: -
 - Trouble shooting chart
 - Fault finding / Calibration Software
 - All electrical /electronic/mechanical schematic circuit diagrams
 - Part list at component level

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Stretcher/ Patient Transfer Trolley

1. Two section patient trolleys operate.
2. Adjustable height using dual sided foot controls.
3. The Trolleys have been developed specifically to allow straight forward interface with medical and diagnostic devices, including **Radiological equipment, C-Arm and X-Ray Intensifiers.**

General Feature:

- Wide lying surface
- Minimal transfer gap with no lateral protrusions.
- Full length x-ray cassette options.
- A range of optional push handles to ensure trolleys meet clinical needs.
- 200 mm Ø castors as standard for easy movement through 360° with 5th wheel.
- Trendelenburg and reverse Trendelenburg as standard.
- 0 - 70° variable adjustment on backrest.
- Height adjustment pedals on both sides of trolley.
- Oxygen tank holders as standard.
- Patient documents/ personal items space as standard.
- High quality 8 ~12 cm anti-static, pressure reducing mattress.
- Safe working load 250 kg minimum (± 5)

Technical Specification:

- a) Total length: 180 ~200 cm or above
- b) Total width: 60 ~ 75 cm or above
- c) Mattress Base Height 570 mm to 900 mm or more
- d) Height adjustment range 330 mm.
- e) Trendelenburg and reverse Trendelenburg: ±12°
- f) Backrest angle: 70° ±2%
- g) Space between pedestal and platform: Minimum 11 cm
- h) Distance between two columns: Minimum 125 ~ 150 cm
- i) Surface area, radio-transparent platform: More than 45 x 150 cm
- j) Central braking system one wheel with steering control on head side.
- k) Dual side height / Trendelenburg controls.
- l) Radio-translucent x-ray base and x-ray cassette runners.
- m) Collapsible side rails full length.

Standard Accessory:

- a) Backrest supports for x-ray cassette
- b) Retractable push handles
- c) Hooks on both sides for fluid bag.
- d) Safety belt
- e) Oxygen cylinder and holder
- f) Lateral bumper bars
- g) Document storage bay wire basket.
- h) IV stand with 4 hooks
- i) Antistatic Mattress

Optional Accessory:

- a) X-ray cassette tray

Note: If technical committee required demonstration of quoted model can be asked to supplier firms during technical evaluation.

Certification:

- Should be at least one certification from **CE / MHLW / FDA**
- Sole agent certificate must be provided.

Warranty:

03 years warranty

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Suction Machine (Heavy Duty)

Gen Feature:

1. Have rapid suction with 60L / min flow rate adjustable vacuum power.
2. Vacuum can be adjustable from front panel with monitoring gauge.
3. have maintenance free, silent, no vibrating, oil free vacuum pump
4. Have collecting Jar with scale body 3.5 liters capacity
5. Should have collecting Jar auto transfer second Jar and after both filled, auto shot off suction unit.
6. Should have four casters, two of them with brake.
7. Foot switch ON/ OFF control in parallel.
8. Vacuum regulation with rotating control knob: 0 – 700 mmgh
9. Operating voltage: 200 - 240 volt.
10. Can be connected with central vacuum system

Terms & Condition:

- Sole distributor certificate must be provided.
- FDA (K510)/ CE (MDD)/ MHLW certificate. (any one certificate required)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

- 1) Operator/User Manual
- 2) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Hydrocollator

General Feature:

- ❖ Stainless Steel
- ❖ Thermostat temperature control

Technical Specification:

- ❖ Tank Capacity: Minimum 60 Ltrs
- ❖ Power Consumption: 1000 ~1500 W
- ❖ Temperature Range: 71°C - 74°C (160°F - 165°F) (Accuracy ±5)
- ❖ Cut Out Temperature: 82°C - 85°C (180°F - 185°F)
- ❖ Heat up time: Time to 70°C (160°F) 1 ~2 hours
- ❖ Cool down time: Time to 70°C (160°F) 1 ~3 hours
- ❖ Electrical Safety: Class I, Type-B
- ❖ Safety Test: cMET
- ❖ Safety: Overheat protection & specific safety testing standard.
- ❖ Power: 220 V 50/60 Hz

Standard Accessories:

1. Different size Hot Pacs as per user requirement (Qty-12)
2. Towel Rack (Compatible)

TERM AND CONDITION

- FDA/CE/ MHLW certificate (any one certificate required)
- Sole Distribution certificate must be provided.

Warranty: Three-years warranty with free service and part after installation and 10 years part availability at component level.

Manual: Two sets each of the following manual in English languages will be provided free of cost in original form.

- c) Operator/User Manual
- d) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Pharmaceutical Refrigerator

General Feature:

- Upright
- Capacity: Minimum 800 Litre
- Temp. range 2° – 8°C with hands- free Alarm Testing
- 7 days disc type temperature recorder.
- LCD/ LED Display of all compartments with easy to handle & sturdy functioning buttons.
- Visual and audible alarm system for any fault in functions.
- Back lit fluorescent lights
- Durable stain less steel drawers with easy grip handles.
- 1. Drawer/ shelf: depth 10 ~ 15 cm (4 – 5 adjustable shelves)
- Automatic defrost and air cooling of air inside with forced air circulation and removal of condensations.
- Microprocessor controlled temperature.
- Front glass door & solid bottom.
- Power: AC 220V, 50/60Hz operated.

Term & Condition

Sole distributor certificate must be provided

FDA 510K/ CE MDD/ MHLW approved (any one required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 3) Operator/User Manual
 - 4) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Refrigerators

General Feature.

2. Upright
3. Minimum 18 cft. At least 4 shelves.
4. Temp range + 2° ~ +8° C
5. Air cooled compressor
6. Stainless steel interior or similar for easy cleaning
7. Interior Light with control panel mounted switch
8. 4 – 5 adjustable shelves
9. Auto defrost
10. To be used for storage of various products temporarily and reagents and chemicals etc.
11. Power: AC 220V, 50/60Hz operated.

Term & Condition

Sole distributor certificate must be provided

FDA 510K/ CE MDD/ MHLW approved (any one certificate required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 5) Operator/User Manual
 - 6) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Suction Machine

Gen Feature:

1. Have rapid suction with 40L / min flow rate adjustable vacuum power.
2. Vacuum can be adjustable from front panel with monitoring gauge.
3. have maintenance free, silent, no vibrating, oil free vacuum pump
4. Have collecting Jar with scale body 03 litre capacity
5. Should have collecting Jar auto transfer second Jar and after both filled, auto shot off suction unit.
6. Should have four casters, two of them with brake.
7. Foot switch ON/ OFF control in parallel.
8. Vacuum regulation with rotating control knob: 0 – 700 mmgh
9. Operating voltage: 200 - 240 volt.

Terms & Condition:

- Sole distributor certificate must be provided.
- FDA (K510)/ CE (MDD)/ MHLW certificate. (any one certificate required)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

- 3) Operator/User Manual
- 4) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Misc. Items

Sr. No.	Description	Qty	Unit Price with GST	Total Price with GST
1.	Glucometer	6		
2.	Laryngoscope, Rister Germany	7		
3.	Ambu Bag, Ambu Denmark	10		
4.	BP Apparatus stand type, imported	14		
5.	Weight Machine	3		
6.	Stethoscope	15		
7.	Pulse Oximeter finger type	6		
8.	Fundoscop	1		
9.	Crash Cart	3		
10.	Thermometer	3		
11.	Endotracheal Tubes	3		
12.	Metallic Fetoscope	6		
13.	Vacuum Cups	2		
14.	Vision Cart Projector with Screen	1		
15.	Refraction Box with Trial Frame	1		
16.	Color Vision Book	1		
17.	X-Ray Illumination Boxes	6		
18.	Micropipettes	4		
19.	ESR Stand	1		
20.	Refrigerator Pharma Grade	2		
21.	Industrial Racks	10		
22.	Shelves Set	5		
23.	Hydrocollator	1		

24.	Quends Bench	1		
25.	Shoulder Wheel	1		
26.	Wheel and Pully	1		
27.	Refrigerator	1		
28.	Dianamap	1		
29.	IV Stand	12		
30.	Suction Bottle	12		
31.	Suction Machine	4		
32.	Suction Machine Heavy Duty	4		
33.	Couch	1		
34.	Stretcher	8		
35.	Tray	6		

Tender No. 55/2025 Nasal CPAP

General Feature: -

- The system can be use as Nasal Humidified HTF Plus Bubble CPAP

Technical Specifications

Input Flow Range:	0 ~ 15 L/min, adjustable or better
Air-Oxygen blender:	Oxygen concentration 21 ~ 100% adjustable.
Temperature:	28°C ~ 42.5 °C
Operation Modes:	NCPAP, NHFT
Humidity Levels:	32 ~ 38 temperature minimum 3 levels of humidity control or better
Humidifier:	Should be with non-invasive ventilation with inspiratory heating wire and temperature probe.
Humidifier Chamber:	Re-usable, Auto-fill, 200 ml water capacity
CPAP Pressure Range:	3 ~ 10 cm H2O or better
Bubble CPAP Generator:	Adjustable CPAP from 3 to 10 cm H2O or better
Trolley Stand can be locally supplied:	a) Stainless steel adjustable stands with two I/V poles. b) Trolley with 2 lockable casters.
Basket	Accessories storage.
Consumables:	a) NCPAP complete Kit with each unit including: i. Prongs: 05 ii. Mask: 04 iii. Bannets: 05 iv. Fixation pillow: 05 v. Measuring tape: 01 vi. Mini flow generation: 02 vii. High flow cannula: 02
Operating Voltage:	220 VAC to 240 VAC 50 Hz

- All parts of Nasal CPAP must be from mentioned as below country of origin.
- Humidifier (**Optional must be quoted in offer**)

Note:

- The quoting firm must have at least minimum 5 installations in Pakistan at different institutes with satisfactory reports.
- A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.
- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Firm must be provided

- FDA /CE (MDD) / MHLW approved (any one certificate required)
- Sole agent certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:**
 - 7) Operator/User Manual & Service Manuals

Country of Origin: EU, USA, Japan.

The firm has strong set up for back up support in Karachi.

Tender No. 56/2025 CTG Machine

General Feature:

Clinical specialty obstetrics and Gynecology Generic Name CTG Machine Clinical Purpose Cardiotocography (CTG) Machine is used for the recording of the fetal heart beat and uterine contractions during pregnancy.

SPECIFICATIONS:

- TFT 7" Color Touch Panel Display or better
- Single, Twin or Triplet Ultrasound.
- Digital Heart rate display.
- Fetal Monitoring, antepartum with recorder.
- Alarm function user-selectable high and low FHR.
- Ultrasound and Toco Transducer, with marker and recorder for FHR sensitive frequency 2 MHz of better.
- Calculates beats per minute: 50-220 bpm or better
- UC measuring range: 0 ~ 100 unit.
- Alarms: Low Bradycardia, High Tachycardia.
- Printing speed: 10, 20, 30 mm/min.
- Strip chart recorder/ printer paper width size: 110 mm or more.
- Battery operated / Rechargeable (220 V 50 Hz) minimum time 1 hrs.
- Software up-gradation next five years is responsibility of firm free of cost

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

" Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Standard Accessories:

- Mobile Trolley (Imported)
- Belt for Doppler and UC Transducer
- Recorder paper (Qty-20)
- Storage basket
- Gel Aqva 5 ltrs (Qty-05)

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

Firm must provide

- FDA K 510/CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 8) Operator/User Manual
 - 9) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: EU, USA, Japan, China, Korea, Turkey

Tender No. 57/2025 Ultrasound Machine (Gynae Department)

General Specification:

Portable Digital Color Doppler System for Abdomen, Cephalic, OB/Gynecology, Cardiology, Peripheral vascular, Small parts, Musculoskeletal, Transvaginal, Transrectal, Lung.

- **Display:** 15" LCD Monitor with resolution of 1920 x 1080.
- Two Probe Connectors.
- **Imaging Modes:** B, M, Color M, CFM, PDI/DPDI, PWD, CWD
- **Scan Method:** Convex, Linear, Endocavity & Phased Array Sector
- System Frequency Range: 1 – 16 MHz.
- Tissue Specific Index.
- **Scanning Depth:** 38cm or more
- **Frame rate:** 400 fps or more.
- **Transducer Element:** 128 or more.
- **M-Mode Speed:** 5 levels.
- **TGC:** 8 segment slider controls.
- **Dynamic range:** 300dB or more.
- Auto IMT measurement.
- Auto trace in real time mode.
- Wide View Scan for Convex & Linear Probe.
- Compounding Imaging.
- Auto Optimization.
- Simultaneous mode (Triplex).
- Data management system with built-in 500 GB Hard Disk Drive.
- Alphanumeric Keyboard with Trackball.
- 3 USB Ports, 1 Ethernet Port, HDMI.
- Built-in Tutorial to guide scanning.
- Measurement for Obstetrics, Small parts, Gynecology, Vascular, Abdominal, Cardiac, Urology, Pediatrics.
- Built-in Rechargeable Battery with 90-minutes backup

Accessories

- 1 – 7 MHz Multi Frequency Convex Probe.
- 4 – 14 Multi Frequency TVS/Endocavity Probe.
- Thermal Printer
- 20 Printer Roll
- Ultrasound Gel 5 liter
- Compatible UPS will be provided.

OPTIONALS (Must be quoted separately):

- 4 – 16 MHz Multi Frequency Linear Probe.
- 4 – 16MHz Multi Frequency Hockey type Intra operative Probe.
- 2 – 6MHz Multi-frequency Phased Array Sector Probe.
- Panoramic View Imaging.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Firm must provide

- FDA K 510 & CE (MDD)/ MHLW (any two-certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 10) Operator/User Manual

- 11) Service Manuals consisting of
 - Working principal
 - Trouble shooting chart
 - Alignment /Adjustment
 - Fault finding / Calibration Software
 - All electrical /electronic/mechanical schematic circuit diagram
 - Part list at component level

The firm has strong set up for back up support in Karachi.

Country of Origin: EU, USA, Japan, China, UK, Korea, Turkey

Tender No. 58/2025 Sonic Aid

SPECIFICATIONS

- Display with color LCD.
- Easily and convenient operate.
- High fidelity, crystal clear sound.
- Earphone and speaker are feasible.
- Ultrasound drive system: continuous wave.
- Alarms for FHR

Technical Specification:

- Ultra sound frequency: 2 MHz.
- Ultrasound output: 10mW/cm².
- FHR Measuring range: 50-240 bpm.
- FHR resolution: 1bpm.
- FHR accuracy: ± 3bpm or less.
- Power consumption: <1W.
- Battery operated/Rechargeable (wireless probe).
- Full charging working time minimum 4 hours.

Complete Standard Accessories:

➤ 2 MHz Probe	01
➤ Probe holder	01
➤ Ear phone	01
➤ Battery:	01
➤ Dust Cover	01
➤ Power cord	01

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Terms & Condition

- Sole distributor certificate must be provided.
- FDA/ CE MDD/ MHLW approved (Any One certificate)

WARRANTY /GUARANTEE

- 1) Three-years warranty with free service and part after installation and 10 years part availability at component level.
- 2) Manual: Two sets each of the following manual in English languages will be provided free of cost in original form.
 - a) Operator/User Manual
 - b) Service Manuals consisting of: -
 - Working principal
 - Trouble shooting chart
 - Alignment /Adjustment
 - Fault finding / Calibration Software
 - All electrical /electronic/mechanical schematic circuit diagram
 - Part list at component level

The firm has strong set up for back up support in Karachi.

Country of origin: - Imported

Tender No. 59/2025 Delivery Bed

Motorized Electric Delivery Bed: -

- 03-Positions: i) Back Raise, ii) Up-Down Adjustment, iii) Trendelenburg and can be access for Labor, Delivery and Recovery Purpose.
- Side rail that attaches to the mattress base at the head end.
- Foot end has a leg section base, which can be pulled out when in use and later fully retracted for storage.
- Omni surface four wheels at the bottom with break, central lock system.
- Two hand grips, one head board, fluid collection basin and I.V pole.
- Foot section break down, pull up and glide away facility.
- Two sides rail with positional adjustments.
- Easily clean-able foam mattress.

Movements: -

- Back Raise 0-65 degree.
- Trendelenburg 0-12 degree
- Mattress Base Height 500-830 mm

Controls:

- Hand Held Controller/Remote to perform the various bed positions on side rail both sides.

CPR Function:

- Should have manual CPR Function by leaver

Wide Bed width:

- 90 cm ~ 98 cm bed width to provide the mother to care for her baby in the bed.

Side Rails: -

- Moveable side rails along with the back-section base (To reduce the risk of patient fall down from Bed)
- Slide down with Gas Spring shock absorber/ Motorized.

Mattress Base

- The base surface made of particle board and a decorative melamine covering.
- The mattress base constructed of three segments and frame is mainly made of square steel pipes
- During labor, delivery and recovery, mechanisms provide to pull out and store the leg section base.

Head Board:

- The head board made of chemical-resistant resin material.
- The head board attached and detached easily.
- Have bumpers on the right and left each sides.

Leg Section Base Lever:

- Retractable during delivery.
- Storable under bed through railing system.
- Easy Push-Pull working through Lever

Calf Supports

- Calf supports that are used to support the legs of a mother during examination and delivery process, and to make delivery/Lithotomy position
- On both sides with belt to hold the legs.
- Height and angle adjustable
- The pads of calf support should be made of urethane and soft cushioning material, thus minimizing stress on mother's leg.

Bed Dimensions should be:

- Total Length: 200 cm ~ 240 cm
- Total Width: 90 cm ~ 100 cm
- Total Height 45 cm ~ 100 cm
- Mattress Base Height: 10 ~15 cm
- Mattress Base Width: 90 cm
- Mattress Base Length: 200 cm

Mattress Cover:

- * Double stitching
- * MRSA anti-bacterial treated.
- * Flame retardant.
- * Water proof surface.
- * Material of cover: Vinyl Leather
- * Core Material: Urethane Foam

Battery:

- Should have (Built-in) Battery Backup

Safe Working Load: Minimum 220 Kg or above.

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/ MHL W (any one required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 1. Operator/User Manual
 2. Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: EU, USA, Germany, France, UK, Japan, China, Turkey**Tender No. 60/2025 Vacuum Extractor****General Feature:**

- ❖ Mobile type on four wheels
- ❖ Instrument tray build in on the top
- ❖ Auto-stopper on filling the jars
- ❖ Delivery extraction
- ❖ Neonatal endo-tracheal fluid suction
- ❖ Uterine aspiration super
- ❖ Pressure control knob --- with dial system

SPECIFICATIONS

Pump	Piston type
Vacuum	750-800 mm Hg
Collection jar:	2,500 ml x 2 (with rubber cup)
Suction Rate:	60 ltr to 80 ltr/m
Auto-Stopper	(Provided)

Complete the unit with following Parts Box:

Delivery cup, large, medium and small, metallic and silicon (40 mm, 50mm, 60 mm) diameter	02 piece each
Surgical suction cannula	01 piece each
Rubber tube for delivery (8 mm) with joint	01 piece
Silicon tube for surgical cannula (8 mm) with coupling.	01
Drawing chain for delivery cup	01
Grounding cord	01
Vinyl cover	01
Parts box	01
Silicon cups hose and connecting piece	02
Suction curettes three size	01

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

" Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Terms & Condition

- Sol distributor certificate must be provided.
- FDA/ CE MDD/ MHLW approved (Any One certificate)

WARRANTY /GUARANTEE

- 3) Three-years warranty with free service and part after installation and 10 years part availability at component level.

Manual: Two sets each of the following manual in English languages will be provided free of cost in original form.

- c) Operator/User Manual
- d) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of origin: - EU, USA, Japan, China, Taiwan, Korea, Turkey

Tender No. 61/2025 ENT Head Light

Specification:

- Cordless LED headlight
- Focus adjustable
- Minimum 30,000 lux
- 01 x battery extra
- Charger
- Hanging Hook.
- Minimum battery backup 5 ~ 6 hrs.

Firm must provide

- FDA K 510/CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.

MANUALS

- Two sets each of the following manual in English languages will be provided free of cost in original form.
 1. Operator/User Manual
 2. Service Manuals.

The firm has strong set up for back up support in Karachi.

Country of Origin: - EU, USA, Japan, China, Korea, Turkey

Tender No. 62/2025 Fluid Warmer

Specification

- Capacity minimum 90- litter
- Temperature range: 40°C - 65°C (Adjustable)
- Timer: 0 ~ 999 min
- Power supply 220V-240V, 50/60 Hz
- Front Tempered Glass Door
- Shelf minimum 03 to warm packed fluid

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

" Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Firm must provide

- FDA K 510/CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.

MANUALS

- Two sets each of the following manual in English languages will be provided free of cost in original form.
 3. Operator/User Manual
 4. Service Manuals.

The firm has strong set up for back up support in Karachi.

Country of Origin: - EU, USA, Japan, China, Korea, Turkey

Tender No. 63/2025 Ophthalmoscope Direct & Indirect

A- INDIRECT OPHTHALMOSCOPE

- ❖ Head mounted Illumination LED or Halogen (adjustable).
- ❖ Pupillary distance & size adjustable.
- ❖ Output voltage: Variable voltage power supply.
- ❖ Filters: Red Free, Cobalt Blue.
- ❖ Teaching Mirror.
- ❖ Scleralde press or detachment chart and carrying case.

Accessories:

1. 06 spare bulbs only for halogen illumination ophthalmoscope.
2. 20 D lens and 28 D lens
3. Cordless must be quoted (**Optional Accessories**)

B- DIRECT OPHTHALMOSCOPE

- LED/ Halogen Ophthalmoscope with rechargeable battery handle & dual port desk charger in carrying case.
- Lens range +35 to -36d in one step diopter.
- 05 aperture setting (Macula, standard, eccentric fixation, slit aperture & Red free filter)

Accessories:

1. Battery handle with Rheostat.
2. Dust cover for ophthalmoscope mirror complete.
3. Polarizing filter
4. Spare bulb: 02

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)
- Both serial (**A and B**) should be quoted from same Manufacturer.

Terms & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD / MHLW (Any one certifications)

WARRANTY / GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

Manual: Two sets each of the following manual in English languages will be provided.

12) Operator/User Manual and Service Manuals

The firm has strong set up for back up support in Karachi.

Country of Origin: USA, Japan, EU, China, Turkey

Tender No. 64/2025 Eye Microscope for surgery

General Specification:

- Floor mounted microscope with column and lockable base.
- Suspension base.
- Continuous Zoom magnification/ minimum 05 steps.
- Coaxial LED illumination without breakable fiber cable.
- Motorized fine focusing.
- Manual coarse focusing.
- Inclinable binocular tube variable from 0 to 90° or more.
- Wide field pair of eye piece
- Objective lens f=200 WF.
- Multifunction foot control panel for all functions including light.
- Free of UV Light (Ultra Violet).
- Motorized XY coupling with one push centre button.

Standard Accessories:

- Sterilizable cover for all drive knobs.
- Dust cover
- Compatible UPS for 01 hrs backup.

Optional Accessories (Mandatory to quote):

- Co-observation attachments with beam splitter.
- Video CMOS Camera with or without beam splitter and medical grade monitor 22" or better.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

" Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/ MHLW (Any one certification required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 1) Operator/User Manual
 - 2) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: USA/ Europe/ Japan/ Germany

Tender No. 65/2025 Slit Lamp with Tonometer Applicator

General Feature:

- New mega wide **LED** slit lamp
- Unique Wide - ultra wide magnification range up to 50X
- Halogen color **LED** light source
- Background illumination
- Built-in barrier filter
- High operability
- Right on digital photo system

MICROSCOPE

- Type: Drum-type 5-step
- Eyepiece magnification 12.5X
- Total magnification 5X, 10X, 16X, 25X, 50X
- Eyepiece Diopter adjustment 8D ~ +8D
- PD adjustment range 55 mm to 80 mm

ILLUMINATION SYSTEM

- Light source 5W white LED/ Halogen Lamp
- Slit width 0 mm to 16 mm continuously variable
- Slit rotation angle 90° to right and left
- Slit length Φ 0.2, 1, 2, 5, 10, 14, 16 mm, 1 to 12 mm continuously variable
- Slit vertical angle (Tilting) 0°, 5°, 10°, 15°, 20° from lower angle
- Slit tilting width 8 mm to right and left from target surface
- Filters Fully transparent, ND (12.5% reduction), Green, Blue, Diffuser, IR Filter

STANDARD ACCESSORIES:

- Electric Motorized stand and one patient stool hydraulic adjustable.
- Dust Cover
- Spare Lamp/ Bulb
- Chinrest Paper
- Breath shield
- Goldman type Hanging type Applanation Tonometer with two prism and Calibration kit

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

" Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Must be provided

- FDA/CE / MHLW approved (any two-certificate required)
- Sole distributor certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
 - 13) Operator/User Manual
 - 14) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: **EU, USA, Japan, China, Turkey, Korea**

Tender No. 66/2025 Retinoscope

General Feature:

- ❖ True-Tone LED illumination
- ❖ Large viewing window provides the clearest view
- ❖ Multi-coated optics
- ❖ Single thumb control
- ❖ Durable, metal optics housing and controls of streak positioning & streak rotation control
- ❖ Streak revolve 360°
- ❖ Extended rubber brow / head rest (for spectacle wearers)
- ❖ Magnetic dynamic Retinoscopy cards (included)

STANDARD ACCESSORIES:

- 1) Retinoscope Head
- 2) Rechargeable battery handle with battery & Charger
- 3) Carrying case
- 4) Bulb: 02

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

Term & Condition

- Sole distributor certificate must be provided.

- FDA K510/ CE MDD/JIS/ MHLW (Any one certification)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 3) Operator/User Manual
 - 4) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: USA/ Europe/ Japan/ Germany/ China/ Turkey

Tender No. 67/2025 Auto Refractometer with kerotometer

General Feature:

- Automated
- Wide range
- Astigmatic with myopic and hyperopic options
- Printing options
- Corneal curvature with keratometric assessments
- IPD measurements
- Pupil size options
- Built in printer

Refractometry Specifications:

- Measurement range: SPH: -20D to +23D (VD=12 mm)
(AUTO/0.12D/0.25D steps)
- CYL: 0D to ±12D
(0.12D/0.25D steps)
- Axis: 0 to 180° (1° increment)
- Minimum pupil diameter: Ø 2.3 mm (can be obtained 2.0mm with low fixation chart illuminations)
- Vertex distance: Selectable 0 and 12, 13.5, 13.75, 15 or 16 mm
- PD measurement: 1 to 83 mm
- Fixation chart: Firework & Road: high/mid/low intensity

Keratometry specifications:

- Measurement range: Radius curvature: 5.00 to 11.00 mm
Corneal astigmatism: 0.00D to 12.00D
Axis: 0 to 180
- Measurement area: Centre: Ø 3.2 mm (R8.0 mm)
Peripheral: 25° - Ø 6.8 mm (R8 mm)
- Corneal size measurement range: 0 to 16.0 mm
- Display: 5.7-inch Colour LCD touch panel (tilt able)
- Power input: 100-240v AC, 50/60Hz

Standard Accessories:

1. Electric Motorized Stand (Imported)
2. Cleaning Kit
3. Dust cover
4. Paper Roll: 03

Compatible UPS for 01 hrs backup

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/MHLW (Any one certification)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 1) Operator/User Manual
 - 2) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of Origin: UK, EU, USA, Japan, Germany, China, Turkey

Tender No. 68/2025 Lensometer

General Feature:

- ❖ Hartmann Wavefront Technology
- ❖ Simultaneous measurement
- ❖ Lens mark recognition support
- ❖ Simple power mapping

Technical Specification:

- Type: Digital / Automatic Lensometer
- Display: Auto Display on LCD
- Measurement range: Spherical Power: 0 to +/-25.0 D
Cylindrical Power: 0 to +/-10.0 D
- Increments: 0.01/0.12/0.25 D
- Axis Angle: 0 to 180°
- Additional Power: -2 to 10.0 D
- Prismatic power range: 0 to 15 Δ
- Increments: 0.01/0.12/0.25 Δ
- PD: Manual

Measurement Parameter:

- ❖ Wavelength: 535nm
- ❖ Diameter of the lens: φ 20 to 120mm
- ❖ Measurement Object: Spectacle Lens, Contact Lens, Optical Lens
- ❖ Transmission of UV: Peak of wavelength is 375nm or better
- ❖ Transmittance of blue light: Peak of the Wavelength is 465nm or better
- ❖ Display: Minimum 7" Wide color TFT with touch panel
- ❖ Printer: Built-in Thermal Printer
- ❖ Calibration: Auto calibration
- ❖ Voltage: 100-240V, 50/60Hz

Standard Accessories:

- 1) Paper roll: 02

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Terms & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD / MHLW (Any one certifications)

WARRANTY / GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level
- **Manual:** Two sets each Operator/User Manual and Service Manual in English languages will be provided free of cost in original form

The firm has strong set up for back up support in Karachi.

Country of Origin: USA, JAPAN, EUROPE, GERMANY, CHINA, TURKEY

Tender No. 69/2025 Ultrasound A & B Scan with printer

General Feature:

- Complete with B-scan, Biometer
- USB and LAN interfaces for easy data storage
- Scanning 400 lines over 50° ~ 60° provides high quality images
- Accurate analysis for B scan
- using algorithms, axial length measurements
- IOL power calculations performed rapidly as the conventional model in Biometry Mode.
- Touch Panel Display
- Measurement accuracy for dense cataracts and existing opacities
- B scan depth Normal (35 mm / 1550 m/s), Long (50 mm / 1550 m/s)
- Color, Gray scale 256 levels scale
- Gain / TGC 05 to 90 dB variable / 05 to -20 dB variable
- Internal Fixation LED (red)
- Biometry Range 12 to 40 mm
- Thermal type built-in printer (Easy loading and auto cutter)

Standard Accessories

- 10 MHz B Scan Probe
- 10 MHz Biometry Probe
- 10 MHZ Pachymetry probe

Compatible UPS for 01 hrs backup

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Terms & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD / MHLW (Any one certification)

WARRANTY / GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level

Manual: Two sets each Operator/User Manual and Service Manual in English languages will be provided free of cost in original form

The firm has strong set up for back up support in Karachi.

Country of Origin: USA, Japan, EU, Germany, China, Korea, Turkey

Tender No. 70/2025 OT light for Eye Department

General Feature:

- **LED Technology.**
- Dust proof lamp head.
- **Light intensity min 130000 lux at 1 meter distance.**
- Color temperature 4500° ~ 5600° Kelvin
- Light adjustment: 30 ~ 100%
- Field of illumination adjustable between 14 – 24 cm.
- Rise in surface temperature at operating area 0.5 degree C.
- LED life minimum 50,000 hours.
- Operable on AC mains ie 220Vv 50HZ
- Sterilizable handles. Qty-04
- Emergency battery box (same manufacturer) having a capacity of min 2 hours with Charger in case of power failure.

- Unit constantly switches over to battery operation. On resumption unit automatically returns to charging the batteries, 220V 50 Hz

Terms & Condition:

- Sole distributor certificate must be provided.
- FDA (K510)/ CE (MDD)/ MHLW certificate. (any one certificate required)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

- 5) Operator/User Manual
- 6) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of Origin: USA/ Europe/ Japan/ China/ Turkey / Korea

Tender No. 71/2025 Phaco Emulsifier

General Feature:

- Adjustable height of irrigation source
- Continuous irrigation
- Piezoelectric crystals hand piece having min 4 crystal.
- Ultrasound modes: - linear, fixed, Continuous, Pulse, Burst
- Peristaltic Pump
- Vacuum: 0 – 600 mmHg or more
- Flow rate 0-60 ml/min.
- Cutter for Anterior Vitrectomy minimum 2000 cuts per minute.
- Guillotine cutter
- Phaco technology for 1.6 mm up to 2.8 mm incisions.

Phaco Hand piece

- Phaco tips and sleeves with different angles (20 x sleeves with each tip)
- 30°, Qty-04
- 15°, Qty-02

Diathermy

- Adjustable power.
- Linear control with footswitch.
- Programmable foot switch.

Components

- Main unit System: Qty-01
- Foot control panel: Qty-01
- I/A tubing (reusable): Qty-05
- Vitrectomy cutter: Qty-05
- Phaco Hand piece: Qty-02
- Test chamber: Qty-03 sets

- Original trolley with IV pole motorized supply by same manufacturer.

Compatible UPS for 01 hrs backup

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/MHLW (Any one certification)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.

- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 15) Operator/User Manual
 - 16) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: UK, EU, USA, Japan, Germany

Tender No. 72/2025 Bipolar Diathermy Coagulator Wet-Field Cautery

General Feature:

- Operating: 0 – 50 W
- Solid state circuitry
- LED indicator for power output and audible tone to signal unit.
- Disposable / Autoclavable cords for use of forceps, erasers
- Footswitch operated.
- A wide selection of bipolar forceps and Haemostatic erasers to facilitate most ophthalmic surgical procedures
- Power supply AC 220 – 240 Volts

Accessories:

1. Bipolar Probe: 02
2. Footswitch: 01

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/ MHLW (Any one certification)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 17) Operator/User Manual
 - 18) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: UK, EU, USA, Japan, Germany

Tender No. 73/2025 Combination Unit

ULTRASONIC with Different Size Treatment Head

Touch screen

All information that you may need should display in organized manner Selection of correct parameter.

Standard Accessories:

- US applicator different size
- Strap 250 x 3 cm Qty-01
- Strap 100 x 3 cm Qty-01
- Rubber electrodes 6 x 8 cm, 2 mm female (Qty- set of 02)
- Moist pads for rubber electrode 6 x 8 cm (Qty- set of 04)
- Patient cable, 2 core with 2 mm main plugs & colored clips Qty-02

a) ULTRASOUND

- Ultrasound frequencies 1 & 3 MHz
- Ultrasound continuous and pulsed
- Duty cycles 5, 10, 20, 33, 50, 80%

- Intensity 0-2 W/cm² continuous ,
- 0-3 W/cm² pulsed (1)
- Number of US connections 2

b) ELECTROTHERAPY

- Current channels 2 (100% independent)
- Multiple Programmable positions
- Different Current types
- Pre-programmed treatment suggestions

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Firm must provide

- FDA K 510/ CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.

Firm must provide: Complete Operating manual and service manual.

The firm has strong set up for back up support in Karachi.

Country of Origin: USA, UK, Germany, Holland, Japan, EU, China, Turkey

Tender No. 74/2025 Shortwave diathermy

General Feature:

- Bio-stimulant, Analgesic, Anti-inflammatory, Anti-edema, Tension Relief. (Different muscle groups and Joints).
- Treats erectile Dysfunction.
- Removes cellulite.
- 7 operating handles standard.
- 3 soft silicon handles standard.
- 10 working modes for different treatment areas.
- Auto recommendations of operating heads for each mode.

Technical Parameter:

✓ Control:	Touch Screen (5" minimum)
✓ Working mode:	Minimum 10 modes (Continuous, Burst, Swing)
✓ Frequency:	1 – 16 Hz
✓ Energy:	10 – 270 MJ
✓ Power:	110 w
✓ Operating Head:	7 pcs standard +3pcs made of soft silicon
✓ Handle quantity:	01 pcs
✓ Type:	Plug-in

Accessories: all standard accessories like foot Switch, hands piece and applicators different body parts will be provided free of cost.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Firm must provide

- FDA K 510/ CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.

Complete Operating manual and service manual.

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Tender No. 75/2025 Ice Therapy

General Feature:

- 5 Cu. Ft minimum front load chilling unit.
- Adjustable thermostat.
- Operating temperature: 0 ~ 7°C
- Blue vinyl relief packs with covers.
- Main voltage: 220-240 V, 50/60 Hz

As Standard:

- 3 cold pack medium (11" x 14")
- 3 cold pack neck size (6" x 23")
- 03 cold pack large size (11" x 21")
- 03 cold pack small size (7" x 11")

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Firm must provide

- FDA K 510/ CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.

Firm must provide

- Complete Operating manual and service manual.

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Tender No. 76/2025 Patient Bed Electric over bed table side cabinet and mattress

General Feature:

- ICU/ Electric Bed with seven functions
- Have detachable ABS head board/ foot board with patient card
- ABS hand rail in four pieces
- Frame of bed made of cold rolled steel treated by electro coating and powder coating/ epoxy polyester power coated and baked finish.
- Remote hand set control of all electrical operated function and movement.
- Should have patient and nurse controller to perform the various positions on both side rail.
- **Patient controller:** back raise, knee raise and hi-low adjustment with locking function.
- One button chair position on remote.
- Should have both electric CPR function and manual CPR function.
- Minimum load capacity 250 Kg (±5%)
- A silent single caster which having min dia 150 mm.
- Central break system with one lever.

Specification

- Height not less than: 700 mm minimum
- Lowest position not more than: 350 mm maximum
- Length not less than: 2100 (±2) mm minimum without frame.
- Width not less than: 1000 (±2) mm minimum without frame.

- Back rest 0--70° or better
- Extension frame minimum 10 cm.
- Kne rest angle 0-25° or better
- Trend lung and reverse trend lung 0 - ±12° or better
- Battery back- up facility (battery low indicator).
- X-Ray cassette holder.
- X-Ray/ Fluoroscopy facility.
- Compatible good quality Air mattress and soft mattress (Imported).
- Four side bumper protection.
- At least 4 x holders for IV pole. (2 x IV pole will be provided)
- Bed top sheet fiber/ ABS 8 mm.
- Bed side locker matched with bed colour.
- Over bed table matched with bed colour and height adjustable.
- Telescopic built in IV pole.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA/ CE (MDD)/ MHLW (any one certificate must be provided).

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Complete service manual must be provided.

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Tender No. 77/2025 Cardiac Monitor 5 Parameter

General Feature:

- Intuitive touch screen operation
- 120 hours of synchronized review data
- Interbed gives quick access to check any patient in the network
- User-friendly operation.
- Reliability, quality and performance.
- Monitor should compatible to up-gradation for 7 to 9 parameter.
- Should have a capability to exchange and view data of other bedside monitors without a need of the central monitor and also with central monitor.

Specifications:

- Display size should be 12-inch or more color TFT LCD touch screen
- Number of waveforms: 4

Parameters:

- Should include ECG, Respiration, NIBP, SpO2, Temperature dual channel
- Should be able to Saved waves 96 hours of one ECG wave
- Trend graph should be of 100 hours or 5 days
- Numeric value list should be of 100 hours or 5 days
- Arrhythmia recall should be of 100 hours or 5 days
- Alarm history should be of 100 hours or 5 days
- Should support time link review.

- Graphical Guide function of electrode placement should be available
- Network Interface Standard
- Should have USB INTERFACE

Standard Accessories:

1. ECG 5 leads	Qty-01
2. NIBP cuff (Peads and Adult)	Qty-01 each
3. SPO2 sensor (Peads and Adult)	Qty-01 each
4. Wall mounted stand.	Qty-01 each

Optional

- a) Thermal Printer must be quoted.

Operating Requirements:

- AC 220 V to 240 V/50Hz
- Built-in battery for at least 06-hour AC power failure at full parameter.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Firm must provide

- FDA K 510/CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 19) Operator/User Manual
 - 20) Service Manual

The firm has strong set up for back up support in Karachi.

COUNTRY OF ORIGIN: EU/ USA/ JAPAN/ China/ Korea/ Turkey

Tender No. 78/2025 Bipap Machine with HFNO

General Feature:

- ❖ The device must provide non-invasive and high-flow dual mode, which can be used for patients with spontaneous breathing, including artificial airway respiratory insufficiency, also can be used for patients in hospitals and long-term care institutions.
- ❖ Can set O2, temperature and flow.
- ❖ The built-in ultrasonic oxygen sensor requires no maintenance.
- ❖ Innovative 7-level humidity compensation function, providing ±3 adjustable humidity compensation, easily coping with various harsh temperature and humidity environments.
- ❖ Auto Flow: automatically set the output flow parameters based on the peak expiratory flow (PEE) of the patient.
- ❖ Smart Flow: Follow the patient's every breath, switch the flow between breaths, provide a higher flow when inhaling, and a lower flow when exhaling.

Technical Specification:

Non-invasive mode	CPAP, Auto CPAP, S, AUTO S, S/T, T
IPAP (cmH2O)	4 - 40
EPAP (cmH2O)	4 - 25
Target Tidal Volume	100 – 2000 mL Off
Respiratory rate	3 -60 time/ min adjustable
Flow Rate Range	2 LPM to 80 LPM
Oxygen Concentration Range	21% - 100%

Temperature output range	29°C to 37°
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Standard Accessories:

1. SPO2 Probe: 02
2. Tube for Oxygen Delivery: 02
3. Disposable Patient Circuit with HF Nasal Cannula for Adult or Pediatric: 10 each
4. Original Trolley (Local trolley not acceptable)

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Firm must be provided

- FDA /CE (MDD)/ MHLW approved (any one required)
- Sole agent certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:**
 - 21) Operator/User Manual & Service Manuals

Country of Origin: EU, USA, Japan, China, Korea, Turkey.

The firm has strong set up for back up support in Karachi.

Tender No. 79/2025 Oxygen Concentrator

Used for enriching the oxygen content of breathing air for use in oxygen therapy.

OXYGEN OUTPUT:

- 99% (+/- 3%) up to 10 litre per minute (approx.)
- Operating characteristics: 50 dB (A) or less controls: Start / stop.
- Circuit breaker switch with flow meter
- Dosage record
- Non reset elapsed time meter.
- Safety system: Power failure alarms, over temperature of motor.
- Hours meter: maintenance alarm indicator
- Operating Voltages: AC 220V/ 50 Hz.

Accessory:

1. Additional Filter (Qty-10)
2. Humidifier Bottle (Qty-02)

Term & Condition

- Sole distributor certificate must be provided.
- FDA/ CE (MDD)/ MHLW approved (any one certificate required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 22) Operator/User Manual
 - 23) Service Manuals

Country of Origin: EU, USA, Japan, China, Korea, Taiwan, Turkey

The firm has strong set up for back up support in Karachi.

Tender No. 80/2025 Phototherapy Unit

General Feature:

- 1) Should last for at least 30,000 hours.
- 2) Should be made of easily cleanable material.
- 3) Minimum irradiance should be $20\mu\text{W}/\text{cm}^2/\text{nm}$ at 45 cm distance between bed and light unit.
- 4) Wave length should be 450-460 nm and should be free from UV and IR radiation.
- 5) Should be visual and audible alarms for the following: -
 - i. Internal temperature $> 55^\circ\text{C}$
 - ii. Cooling fan fails.
 - iii. LED current increases or decreases.
 - iv. LED volt increases or decreases.
- 6) Cooling fan to be provided to dissipate the heat created by LED.
- 7) Should be compact to use along with the radiant warmer and should have tilting facility so that unit is not coming directly under warmer.
- 8) Smooth height adjustment mechanism & adjustable height of the unit.
- 9) Peak spectral irradiance: at least $30\mu\text{W}/\text{cm}^2/\text{nm}$ at 30 cm distance and $30\mu\text{W}/\text{cm}^2/\text{nm}$ at 20 cm distance (as measured with Monolta- Airshields or Olympic flux meter)
- 10) Large effective surface area: Mean spectral irradiance of at least $20\mu\text{W}/\text{cm}^2/\text{nm}$ over an area of 25 cm by 50 cm at 30 cm distance.
- 11) Emissions spectrum: Blue light with a peak wavelength between 440 and 470 nm.
- 12) The source of lamps (Manufacturer) should be identified and a certificate of the emission spectrum from a government/ research laboratory should be provided.
- 13) Quality control: Device is produced by manufacturer with ISO 9001 certification (certificates to be submitted).
- 14) Electrical: device is compatible with 220-240 V/60 Hz power input.
- 15) Durability: LEDs are protected by suitable cover made of fire resistant transparent material.
- 16) Digital total lamp time counter.
- 17) Sturdy mobile stand should be present.
- 18) At least 2 inch sturdy castors, at least 2 should have brakes.
- 19) Height of stand's base must be less than 8 cm to fit under radiant warmers/ incubators and baby cots.
- 20) Height adjustable from 1.20 m to 1.50 m (measured from bottom surface of enclosure to ground).
- 21) Light enclosure must be tilt able from horizontal to at least 30 degrees.
- 22) Eye protected shields.
- 23) Oxygen Head Box.

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/ MHLW (Any one certification required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 5) Operator/User Manual
 - 6) Service Manual

The firm has strong set up for back up support in Karachi.

Country of origin: EU, USA, Japan, Korea, China, Turkey

Tender No. 81/2025 Ultrasonic Heavy Duty Nebulizer

Feature: -

- Noise Less than 50 db
- Continuous Operation more than 4 hrs
- Large Medicine Capacity
- Automatic protection of water shortage.

Technical Specification

➤ Ultra Sonic Frequency:	1.5 MHz to 2.5 MHz ± 10%
➤ Capacity of small atomizing cup	150ml or more
➤ Capacity big atomizing	350 ml or more
➤ Atomizing rate	4 ml/ minute
➤ Timing range:	stepless and 0-60 minute
➤ Water tank capacity:	300 ml or more
➤ Particle size:	minimum 0.5 um or better
➤ Air Flow	10-15 ltr / minute
➤ Speed	Adjustable
➤ Safety control:	Water level indicator, Fan Motor, over Temperature/ thermostat.
➤ Power:	AC 220V, 50/60Hz operated.

Standard Accessories

a) Trolley	Qty-01 (local)
b) Re-useable Hose (Disposable)	Qty-01
c) Medication cup:	Qty-10
d) Filter	Qty-05
e) Disposable Medication chamber	Qty-10
f) Spare Transducer complete	Qty-01

Firm Must Provide:

- FDA/ CE (MDD)/ MHLW (Any one Certification required)
- Sole Distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 24) Operator/User Manual
 - 25) Service Manual as per IT requirement.

The firm has strong set up for back up support in Karachi.

Country of Origin: EU, USA, Japan, China, Turkey, Korea

Tender No. 82/2025 Examination Light LED

General Feature:

- **LED Technology.**
- Dust proof lamp head.
- Light intensity min 80,000 ~ 100,000 lux at 1 meter distance.
- Color temperature 4500° ~ 5600° Kelvin
- Light adjustment: 30 ~ 100%
- Field of illumination adjustable between 14 – 24 cm.
- Rise in surface temperature at operating area 0.5 degree C.
- LED life minimum 30,000 hours.
- Operable on AC mains ie 220V 50Hz
- Sterilizable handles.
- Emergency battery box (same manufacturer) having a capacity of min 2 hours with Charger in case of power failure.

- Unit constantly switches over to battery operation. On resumption unit automatically returns to charging the batteries, 220V 50 Hz

Terms & Condition:

- Sole distributor certificate must be provided.
- FDA (K510)/ CE (MDD)/ MHLW certificate. (any one certificate required)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

- 1) Operator/User Manual
- 2) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Tender No. 83/2025 Electric Cautry

General Feature:

1. Should indicate power out digitally.
2. Should perform following function.
 - a. Cut mode: Blend-I & II & Pure Cut.
 - b. Coag mode: spray coag, contact coag
 - c. Bipolar Mode: Bi-Polar coag by foot or by hand.
3. Output power must be control by micro processor.
4. Automatic self test function.
5. Audio & visual alarm
6. Can be use for all surgery procedure: Ortho, General surgery, TUR Laparoscope, Dermatology, Vascular, ENT, Endoscopy, Pediatric, Gynecology.

Technical Specification

a) Mono polar: Pure minimum 400 W/ 400 Ω

b) Cutting & coagulation: Blend-I Up to 250 W/400 Ω

Blend-IIup to 200 W/ 400 Ω

Spray up to 80/ 400 Ω

c) Bi-polar: Cut 0-100 W/ 100 Ω

Coagulation 0-80 W/ 100 Ω

Standard Accessories

1. Foot switch double paddle 01
2. Foot switch Bi-polar 01
3. Patient plate silicon mesh reusable (Qty-02) and disposable lead (set of 10 plate)
4. Bi-polar forceps with Bi-polar lead 02
5. Mono polar lead (reusable) 02
6. Cutting electrode including (set of 05):-
Knife Ball, Loop, Needle, Angle Needle, (02 Set)
7. Trolley

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Firm must provide

- FDA K 510/CE (MDD)/ MHLW (any one certification required)
- Sole distribution certificate must be provided.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 1) Operator/User Manual
 - 2) Service Manual

The firm has strong set up for back up support in Karachi.

COUNTRY OF ORIGIN: EU/ USA/ JAPAN/ CHINA/ TURKEY

Tender No. 84/2025 CSSD Autoclave Complete

1. Steam Sterilizer (CSSD Auto Clave) Double Door (Qty-02)

General Feature:

- Steam Sterilizer (CSSD Auto Clave) Double Door
- Chamber volume more than 200 liters.
- PLC Control system.
- Display: minimum 7"-inch LCD touch panel.
- Built in printer.
- Built in steam generator.
- Pressure & Temperature control.
- Digital Indication of temperature & analog indication Pressure.
- Automatic cycle function.
- Auto release of steam & Pressure & buzzer sound on complete of cycle.
- Air removal in chamber before sterilization cycle start.
- Insulated with imported high temperature resistant glass wool.
- Vertical Auto sliding door sealed with high temperature resistant silicon gas kit.
- Auto Water feeding.
- Solenoid valves.
- Autoclave stand with casters & leveling bolts.
- Safety door lock.
- Vacuum system: water circulating vacuum pump.

Technical Specification:

- Temperature rand & Control: 110 °C ~ 134°C
- Working pressure: 15 ~ 35 Psi
- Steam condenser through heat exchanger.
- Pressure safety valve, Steam exhaust valve, Pressure switch.
- Door and chamber made of 304L/316L.
- Frame and side panel S.S 304L.
- Door system: Auto vertical sliding door.
- Timer: 0 – 60 min timer for sterilization/ drying cycle.
- Test: Vacuum test, Bowie-dick test.

Safety Devices:

- Temperature controlled safety.
- Dual safety system (Electronic and mechanical)
- Heat exchanger.
- Door safety lock.
- Pressure switch.

Distribution Board

- Power DB with all respect like cable.
- Phase failure. (Under and over voltage control).

Standard Accessories:

- Loading unloading trolley (height adjustable) Qty-02
- Loading cart with 04 basket S.S 316L
- Air Compressor (Compatible) Qty-02 (100 ltr tank capacity, motor 3 HP)

2. CLEANING & WASHING UNIT with MIXER

- Stainless Steel square meter
- Mash Tray for instrument washing: (12 x 18 Qty-02) and (12 x 14: Qty-02)
- Table Top with 80-100 mm backsplash.
- 3 x sinks each 500/400/300mm (Stainless steel)
- Air and water gun will be supplied with unit

3. ULTRASONIC CLEANER

- Ultrasonic Cleaner Free Standing type.
- Tank Capacity: Minimum 28 ~ 30 Ltr
- Cleaning chamber constructed of corrosive resistant 304 SS.
- Heating thermostatically controlled.
- Digital display of time and temperature.
- Control panel window has degassed time setting, cleaning time from 0-99 min & temperature Setting up to 70°C.
- The machine has capacity to memorize 10 programs & Quick program function to start quickly.
- System complete with basket, lid and other Standard accessories.
- CE Marked.

4. Automatic Sealing Machine

- Seal speed: $10 \pm 0.5\text{m/min}$
- Sealing width: 12 mm
- Auto-control function, highlighted digital tube display
- Temperature accuracy: $\pm 1\text{ C}$
- Working temperature 60 - 220°C
- Advanced flat ceramic heating component, fast heating.
- Intelligent temperature controller
- Input: 220 V 50/60 Hz

5. Cutting Device

- (Single layer cutter)
- Dimensions: 735 x 310 x 140 mm

6. Packing Table for Preparation

- Table top of stainless steel with two drawers.
- Stand of stainless steel including two top mounted shelves.
- (Argon Welding) made of stainless steel.
- Dimensions approx. 1600 x 800 x 900 mm
- Paper Trolley Qty-01

7. Storage Rack with 4-5 shelves

- Free Standing Storage racks 04 single sections.
- Size approx. 1800 x 500 x 1000 mm.

8. RO Plant (Compatible) for complete CSSD

Note: Plumping work with all respect (Soft water, RO water and Tape water) to run CSSD department and partition dirty/ clean area, civil work and etc will be responsibility of bidder. (Included tile work and vinyl flooring)

Terms & Condition:

- Sole distributor certificate must be provided.
- FDA (K510)/ CE (MDD)/ MHLW certificate. (any one certificate required)
- The quoting firm must have installed at least 03-units in past 02 years of same model in Pakistan with satisfactory reports must be submitted.

WARRANTY /GUARANTEE

- 4) Three-years warranty with free service and part after installation and 10 years part availability at component level.
- e) Operator/User training
- f) Electrical Diagram

The firm has strong set up for back up support in Karachi.

Country of origin: - Local/ Imported

Tender No. 85/2025 Centrifuge Machine

Feature:

- The microprocessor controlled equipped with bright digital displays and touch pad keys for quick and easy setting of speed and run-time. The values last used are stored. To repeat a run, simply press the start key.
- It is also designed with a user-friendly self-diagnosis system, which indicates faults directly on the display.

Technical Data:

Maximum speed (rpm)	0 - 5000 or above
Maximum capacity (15 ml)	12 x 16 (glass)
Controller	Microprocessor controller for time and speed
Drive	Brushless induction motor, microprocessor controlled
Runtime	1-99 min. and continuous operation (Hold)
Program memory	Stores values last entered, unlimited
Safety	Lid lock and lid interlock, steel armoured guard ring
Design	Fibre glass reinforced polyamide housing with high noise and vibration insulation properties.
Power input	220 V: 50/60 Hz

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Terms & Condition

Sole distributor certificate must be provided.

FDA/ CE MDD/ MHLW approved (Any One certificate)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

MANUALS: Two sets each of the following manual in English languages will be provided free of cost in original form.

- 1) Operator/User Manual
- 2) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of origin: Japan, Sweden, Germany, USA, UK, Franc, China, Korea, Turkey

Tender No. 86/2025 Microscope Single

General Specification:

- **Optical System:** Antifungal optical system
- **Stand:** Single mold stand with anti-rust materials and extended base
- **Viewing Bodies:** Rotating binocular tube, 30° inclined, 360° rotatable, Interpupillary distance 50 - 75 mm or better
- **Eyepieces:** Wide Field focusable paired eyepiece suitable foaming lens (10 x 20 mm (FOV)

Objectives lens (Oil):

- 4 x/NA 0.10/WD 8.83 mm or better,
- 10 x/NA 0.25/WD 0.66 mm or better,
- 40 x (spring)/NA 0.65/WD 0.49 mm or better
- 100 x (spring loaded, oil)/NA 1.25/WD 0.14 mm or better

Mechanical Stage:

- Rectangular stage plate size min 130 x 120 mm
- X/Y travel range 75 x 50 mm or better.

Condenser: Sub-stage Abbe condenser NA 1.25 or better

Suitable filter

Focusing:

- Coaxial coarse/ Fine focus system with limit stopper and torque adjustment or better.
- Coaxial focusing system with an adjustable tension control and upper limit stop to prevent accidental damage to slides; all metal gears, brass fine focus gear.

Illumination: LED illumination with variable illumination control having life Up to 20,000 hours minimum

Electrical: Universal input 220V AC, 50 Hz

Standard Accessories: Dust cover

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

" Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/ MHLW (Any one certification required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 7) Operator/User Manual
 - 8) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: USA/ Europe/ Japan/ Singapore/ China/ Turkey/ Korea

Tender No. 87/2025 Lab Incubator

General Feature:

- ❖ Large LCD touch screen
- ❖ Stainless steel chamber easy to clean.
- ❖ D Type: Inner glass door.
- ❖ G Type: Viewing window.
- ❖ Multi-stage temperature calibration, smaller temperature deviation in different temperature ranges.
- ❖ Anti-slip partition design, adjustable spacing, flexible and convenient.
- ❖ Test port is standard on the side of the box for detection and calibration.

Technical Parameter:

- Capacity: Minimum 60 litre
- Temperature Range: 0 to 85°C
- Temperature Fluctuation: ±1°C (@37°C)
- Timing Range: 0 ~ 999 h or continuous.
- Double Door.
- Shelves: 02 pcs
- Power: AC 220 V, 50/60 Hz

Alarms: Over temperature alarm, independent limit temperature alarm system, leakage current and over voltage protector.

Standard Accessory: Shelf, Test port

Terms & Condition:

- Sole distributor certificate must be provided.
- FDA (K510)/ CE (MDD)/ MHLW certificate. (any one certificate required)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

- 7) Operator/User Manual
- 8) Service Manuals

The firm has strong set up for back up support in Karachi.

Country of Origin: Imported

Tender No. 88/2025 Lab Autoclave

Specification:

- Automated Microprocessor controlled, programmable with LCD/ Digital display for monitoring.
- Capacity 35 – 40 litre (I.O. to specify)
- Automatic discharge of cold air and automatic discharge of steam after sterilization.
- Buzzer reminder upon completion of sterilization with automatic shutdown.
- High quality Stainless steel (SUS-304) chamber with one perforated bottom plate.
- Sterilization temp: 121 – 135 C°
- Pressure: -0.1 ~ 0.28 MPa
- Sterilization time Range: 0 ~ 90 min
- Chamber material and Outer body high quality stainless steel complete with rubber liner, safety device (Over heat & over pressure & safety valve for pressure release protection, short circuit protection, lid interlock and door lock system) and pressure gauge & temp indicator.
- Water level sensor and Indicator.
- Vertical unit
- Equipment with standard test interface.

Standard Accessories: Sterilization stand, tray, basket will be provided.

Note: - A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

- a) Operator/User training
- b) Electrical Diagram

The firm has strong set up for back up support in Karachi.

Country of origin: - Imported

Tender No. 89/2025 Blood Bank Incubator

General Feature:

- Large LCD touch screen.
- Stainless steel chamber, easy to clean.
- D type with inner glass door.
- G type with viewing window.
- Multistage temperature calibration, smaller temperature deviation in different temperature range.
- Anti-slip partition design, adjustable spacing, flexible and convenient.
- Test port is standard on the side of the box for detection and calibration.
- Over temperature alarm, independent limit temperature alarm system, leakage current and over voltage protector.

Technical parameter:

- a) Capacity: minimum 50 L
- b) Temperature range: 10 - 85°C
- c) Temperature fluctuation: 37°C (±1°C)
- d) Temperature uniformity: 37°C (±2°C)
- e) Timing range: 0 – 999h or continuous
- f) Power supply: AC 220 V, 50/60 Hz

Standard Accessories:

- 1) Shelves: 4 pcs
- 2) Test port **Optional accessories**
- 3) UV lamp **Optional accessories**

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA 510K/ CE MDD/ MHLW approved (any One certificate required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 26) Operator/User Manual
 - 27) Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: EU, USA, Japan, China, Korea, Turkey

Tender No. 90/2025 Water Bath

Technical specification:

- **Temperature Range (°C):** Min 5°C above ambient up to +95°C with additional boiling mode

- **Resolution of display:** +0,1°C below 99,9°C, 1°C above 100°C
- **Controller:** Digital Display of all set parameters such as temperature, alarm and time values
- **Timer:** digital timer from 1 min. up to 999 hours for: ON, DELAYED ON, HOLD or HOLD set-temperature
- **Volume:** 15-20Liters
- **Voltage:** 220- 240 V, 50/60 Hz
- **Temperature Control:** Electronic over temperature controller TWW protection, in case of over temperature due to failure, the heating is switched off at approx. 10°C above the set temperature
- **Auto diagnostic System:** PID microprocessor controller with integrated auto diagnostic system with fault indication
- **Alarm:** visual and acoustic alarm at programmed end, heating is switched off automatically in case of low liquid level

Accessories: Complete with standard accessories

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

Term & Condition

- Sole distributor certificate must be provided
- FDA/ CE/ MHLW approved (any one certificate required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.
- **Manual:** Operator/User Manual and Service Manual

The firm has strong set up for back up support in Karachi

Country of Origin: EU, USA, Japan, China, Korea, Turkey

Tender No. 91/2025 Tube sealer

General Feature:

- a) Blood bag sealer for heavy duty job.
- b) Should be automatic clamp.
- c) Should be self-adjusting RF energy.
- d) Can be use to seal standard PVC tubing available in the markets including apheresis bag.

Technical Data

- Medical grade PVC tubing sealer up to 5 mm 0 D
- RF output not less then 70 watt.
- Working RF freq 40 ~ 50 MHz
- Power supply 220 v AC 50/60Hz

Accessories

- All Standard accessories
- Hand Gun **Optional**

Note: A demonstration will be carried out during technical evaluation of quoted model at PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Terms & Condition

Sole Distributor Certificate must be provided.

FDA/ CE/ MHLW certificate (Any one required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 28) Operator/User Manual
 - 29) Service Manual

The firm has strong set up for back up support in Karachi

Country of Origin: EU, USA, Japan, China, Korea, Turkey

Tender No. 92/2025 Blood Bag Shaker

Technical specification:

- Measuring Range: 0 - 900 ml
- Accuracy: ± 2ml
- Power Supply: AC 220 V, 50/60 Hz
- Unique rotary sensor
- Constant Speed Motor
- Soft Shaking Mode
- Internal Battery support
- Measures net or gross volume with the best accuracy of <1%
- Automatic check on blood flow and collection time with buzzer alarm
- Automatic working tube clamp.
- Continues display of collected volume, flow and time during collection.
- Adjustable limits for low and high flow and time alarm
- Repetitive notification of completed collection every minute including gentle mixing to avoid coagulation.
- Calibration can be carried out by operator.
- Error indicator

Accessories: complete with standard accessories.

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Terms & Condition

Sole distributor certificate must be provided.

FDA/ CE MDD/ MHLW approved (Any One certificate)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

Manual: Two sets each of the following manual in English languages will be provided free of cost in original form.

- Operator/User Manual
- Service Manual

The firm has strong set up for back up support in Karachi

Country of Origin: EU, USA, Japan China, Korea, Turkey

Tender No. 93/2025 PLT Agitator

General Specification:

- Microprocessor controller based platelet incubator designed to store platelet concentrates in continues motion at controlled temperature. The platelet incubator must construct of double walls the exterior is made of 304 stainless steel laser welding and the inner chamber should fabricate of imported stainless steel (Medical Grade) easy clean.

- Tray adopts mould injection molding, which soles the storage safety of platelets.
- High quality AC servo motor, smooth work, low noise, long service life.
- Double layer electric heating tempered glass doors, good temperature insulation effect, effectively avoid the observation window fog, keep the box temperature constant for a long time.

Technical Specification:

▪ Display:	Minimum 5 inch LCD/LED touch screen.
▪ Capacity:	Minimum 48 Bags
▪ Temperature control range:	22°C (±2°C)
▪ Temperature control:	Micro Controller.
▪ Mode of Oscillation:	Continuous left & right reciprocation, Horizontal oscillation.
▪ Oscillation Frequency:	0 ±5 times/min
▪ Refrigerant:	R134a/ CFC free
▪ Agitator ON/ OFF function	
▪ Agitation speed:	minimum more than 50 cycle
▪ Temperature Recorder:	07 days circular chart
▪ Power supply:	220 V, 50/60 Hz

Audiovisual Alarms: Ultra-high and low temperature, oscillation device (motor) failure, long term door open alarm.

Battery backup: 02 hrs for audiovisual alarm upon lost of motion/ facility power.

Accessories: Minimum 03 shaking tray

Note: Quoted models should be available on Original Equipment Manufacturer official website to verify online. (Otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/ MHLW (Any one certification)

WARRANTY /GUARANTEE

Three-years warranty with free service and part after installation and 10 years part availability at component level.

Manual: Two sets each of the following manual in English languages will be provided free of cost in original form.

- Operator/User Manual and Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: - EU, USA, Japan, Korea, China, Turkey

Tender No. 94/2025 Blood Bag Storage Refrigerator 4° C

General Feature:

- Upright
- Minimum Capacity Minimum 550 litre.
- Temp. range 2° – 8°C with hands-free Alarm Testing
- Adjustable shelves, improve space utilization; blood storage basket can be classified.
- Individual transparent inner door, effectively reduce cool air loss when opening the door.
- 7 days disc type memory record & chart paper change alert system
- Battery Back up
- LCD Display of all compartments with easy to handle & sturdy functioning buttons.
- **Visual and audible Alarm:** High & low temperature, sensor & system failure, door ajar, power failure, switch alarm.
- Back lit fluorescent lights
- Durable stain less steel drawers with easy grip handles.
- Drawer depth 12 – 15 cm (4 ~ 6 drawers adjustable)
- Automatic defrost and air cooling of air inside with forced air circulation and removal of condensations.
- Microprocessor controlled temperature.
- Double pane glass door & solid bottom.

Standard Accessory: Thermal Printer, Test Hole

Accessory:

- Temperature chart (pack of 50): Qty-06 packet

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

Sole distributor certificate must be provided

FDA/ CE/ MHLW approved (any one certificate required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.

- 30) Operator/User Manual
- 31) Service Manual

The firm has strong set up for back up support in Karachi

Country of Origin: EU, USA, Japan, China, Korea, Turkey

Tender No. 95/2025 Freezer Refrigerator -40° C**Specification:**

- Upright
- Microprocessor based control.
- Effective Capacity: Minimum 20 Cuft volume
- Chamber volume: 560 ltr or above
- Temperature Controller: Electronics Controller range: - 10°C to - 40°C
- Temperature range down to -40 °C
- Exterior Construction of Painted Galvanized Steel Sheet.
- Interior door to minimize loss of refrigeration, color coating electric zinc steel plate.
- CFC free refrigeration.
- Control via self-diagnostic system.
- Door with lock and key
- Caster with lock: 04
- Level adjuster
- Access port.
- Condenser: Enhanced micro channel & forced air cooled
- Refrigeration system type: Direct Cooling
- Defrost Method: Automatic/ Manual
- Set point security
- Display: digital LCD/ LED
- Temperature Sensor: Thermistor display
- **Audible and visible alarm:** Power failure, over/ under temperature, safety settings
- Battery: For power failure alarm.

Accessories:

- 1 set of keys
- 14 card holders with cards to fixed on the front of draz as storage shelf
- 10 large baskets/ draz as storage shelf
- Automatic weekly temperature chart recorder complete set (Digital recorded data is accepted with minimum 30,000 storage.

Note: A demonstration will be carried out during technical evaluation of quoted model PAEC General Hospital Islamabad.

- Quoted models should be available on Original Equipment Manufacturer official website to verify online. (otherwise offer will be rejected)

Term & Condition

- Sole distributor certificate must be provided.
- FDA 510K/ CE MDD/ MHLW approved (any one certificate required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years parts availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 32) Operator/User Manual
 - 33) Service Manual.

The firm has strong set up for back up support in Karachi

Country of Origin: USA, Japan, France, UK, Germany, China, Korea, Turkey

Tender No. 96/2025 X-Ray (Dental Sensor + Portable Device, Dental Chair)**General Feature:**

- Excellent Image Quality
- Intra Oral X-Ray System
- Should be Light and compact unit.
- Radiation shielding must be less than 0.13% of allowed doses leak.
- Can be used with digital sensor and chemical film.

Technical Specification:**X-Ray Generator:**

- a. High frequency Inverter
- b. Power Output: 180 W or better

X-Ray Installation:

- a. Tube Voltage: 60 kV or better
- b. Tube Current: 2mA or better
- c. Heat Capacity: 8.5 KHU or better

X-Ray Tube:

- a. Anode Type: Stationary
- b. Anode angle: 20°
- c. Focal Spot: 0.8 mm or better

X-Ray control: minimum 50 step or more

Power requirement: 20 V ~ 24 volt

Inherent Filtration: 1.8 mmAl minimum

Battery capacity: Minimum 100 exposures with full charge.

Digital Imaging HD Sensor Size#1

The sensor should be easy to install, handle & transport, produce high quality 28 L/P images in real time and image should be stored in PC to saving time and avoid human errors in daily practice. HD sensor technology should be latest & update CMOS type.

Technical Specification:

Sensor type	CMOS Photodiode Array
X-Ray Convertor	FOS (FOP + CsI)
Resolution	Minimum 28 L/p
Pixel size	15 ~20 μm
Active Area	20.00 x 30.01 mm or better

Effective Area	19.80 x 29.80 mm or better
Number of active pixels	1110 x 1660 pixels or better
Number of effective pixels	1110 x 1660 pixels or better
Operation Mode	Global shutter
Protection against water	IP68

Compatible PC for Imaging Sensor system:

PC: Cor i7 branded
 Ram: 16 GB
 Hard Drive: 500 ssd
 CDR: Combo
 LED/ LCD: minimum 19 inch with wireless keyboard & mouse.

Note: License Key, any type of password, system original software, original window and up-gradation from the manufacturer will be provided free of cost up to 10 years.

Term & Condition:

- Sole distributor certificate must be provided.
- FDA K510/ CE MDD/ JIS / MHL W (any one certificate required)

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 3. Operator/User Manual and Service Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: USA, Italy, Germany, Korea, China, Turkey

Tender No. 97/2025 Washer, Dryer, Iron Press & Spinner

Washer Machine

General Specification:

- Semi automatic side loading washer, designed for heavy duty services for all types of linen, wool and chemical fiber.
- Push button control to save operation time and labor. Heavy gauge, stainless steel tub and cylinders.
- Machine furnished with magnetic reverse controller, laundry buzzer, and foot operated drain valve. Manual water supply.
- Cylinder revolution having four reversals per minute. Drive system with reducing gear and anti-static belts. Rugged one piece cast iron frames guarantees trouble free operation.
- All wetted parts made of inox-304 with large door opening. Hot water inlet valve and/ steam inlet valve provided. Useable with locally available detergents.
- Capacity: 50 ~ 60 kg
- Heating: Electric and LPG Gas
- Steam consumption: 50 kg/ hr
- Cylinder revolution: 25 rpm with at least 4 reversible per min.
- Electricity: 3 Phase

CIVIL WORK: Installation and All Civil works, Electric Work, noise & vibration free Foundation base, all sanitary work will be responsibility of supplier firm.

Term & Condition

- Standard: Must confirm to the requirements of ISO 9000.
- The quoting firm must have installed at least 03-units in past 02 years of same model in Pakistan with satisfactory reports must be submitted.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 34) Operator/User Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Hydro Extractor (Spinner)

General Feature:

- Capacity: Minimum 40 KG
- Basket size: 30 x 12" inch or above
- Precisely balanced basket for smooth operation at high speed.
- Inner and outer: Stainless steel base (Grade-304).
- Motor power: 2.5 Hp or above
- Power rating: 400 volt.
- Power 3 phase.

Note: - Installation and All Civil, Electric & sanitary works will be responsibility of supplier firm.

Term & Condition

- Standard: Must confirm to the requirements of ISO 9000.
- The quoting firm must have installed at least 03-units in past 02 years of same model in Pakistan with satisfactory reports must be submitted.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 35) Operator/User Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Tumble Dryer

General Feature:

- Fully automatic temperature control.
- Powder coating painted.
- Large door, stainless steel drum (Grade 304).
- Temperature and time freely to be programmed.
- The system must have safety for over temperature & door opening protection.
- Timer control with 0 ~ 60 min with electronic temperature sensor.
- Radial air flow.
- Capacity: Minimum 50 kg
- Drum volume 1000 ~ 1100L
- Heating: Electric and LPG Gas (Both systems must be available).
- Spinning speed 25 ~ 50 rpm
- Door opening 180 degree

Note: Installation and All Civil and Electric Works & exhaust ducting will be responsibility of supplier firm.

Term & Condition

- Standard: Must confirm to the requirements of ISO 9000.
- The quoting firm must have installed at least 03-units in past 02 years of same model in Pakistan with satisfactory reports must be submitted.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.

- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 36) Operator/User Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Flat Work Ironer

Specification:

- Roller length minimum 6 ft.
- Roller dia 12 ~18".
- Roller sheet thickness 8 mm.
- Adjustable roller with screw mechanism.
- Electrically and LPG Gas heated (Both systems must be available).
- Auto controllable temperature.
- Hand protection switch.
- All safety and indicator provided.
- 2 hp Gear Motor (3phase).
- Front Load in and out.

Note: Installation and All Civil and Electric Works & exhaust ducting will be responsibility of supplier firm.

Term & Condition

- Standard: Must confirm to the requirements of ISO 9000.
- The quoting firm must have installed at least 03-units in past 02 years of same model in Pakistan with satisfactory reports must be submitted.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **Manual:** Two sets each of the following manual in English languages will be provided free of cost in original form.
 - 37) Operator/User Manual

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Tender No. 98/2025 RO Plant

Double Pass Reverse Osmosis System with Deionizer

Capacity: 700 liters/ hrs

General Feature:

- Stainless steel multi-stage feed pump CNP (Brand New)
- Multimedia FRP vessel: Ø16" x L-65" with multi-port valve.
- Dual Water softener FRP Vessel: Ø16" x L-65", with multi-port valve.
- PE soft water storage tank, food grade, having output capacity of 250 gallon.
- Pressure system (FRP vessel sized: Ø10" x L-54" plus pressure pump CNP brand new with S.S Material) having 4.0 bar pressure.
- Anti-scaling dosing system with 80 liters PE storage tank nature colored.
- Two R.O membrane size: Ø 8" x L-40" (Filmtec/ Hydranautics) USA.)01 for each RO 1st pass and 2nd pass)
- Electric panel to control & operate reverse osmosis system will be fully automatic.
- Two flow meter to show water flow through R.O.
- One TDS meter to show total dissolved solids.
- PE water storage tank to store product water, having storage capacity of 300 gallon, food grade.
- Pressure system (FRP vessel sized: Ø 10" x L-54" plus pressure pump CNP brand new with S.S Material) having 4.0 bar pressure.
- Max bed column 10 x 54 for Lab water.

- Complete piping of PVC sch. 80.
- Water result
 - a) TDS: 0 ppm
 - b) PH: 5 – 7
 - c) Hardness: Nil

Site preparation for RO System.

- MS square pipe gauge 18 SWG with animal paint.
- Double lair fiber glass sheet 1 mm.
- PPRC pipe 32 mm installation for RO water transfer, approximately length 200 feet.
- Electrical cable from panel to RO room, approximately length 100 feet.

WARRANTY /GUARANTEE

- Three-years warranty with free service and part after installation and 10 years part availability at component level.
- **The firm has strong set up for back up support in Karachi.**

Tender No. 125/2025 Patient Bed Manual over bed table side cabinet and mattress

Specification:

- ❖ Over all dimensions: Minimum (36"W x 85"L x 21"H)
- ❖ Main Frame: Made of 16 SWG pipe 1-1/4" x 2-1/2" rectangular pipe section CO₂ welded to together at corners.
- ❖ End of pipes must be covered with fine plastic stopper.
- ❖ Mattress Frame: should be in 4 parts.
- ❖ The one part fixed and three moveable parts made of 1-1/4" x 1-1/4"longitudinal & 1" cross pipes of steel square pipe of 16 SWG. The end of each moveable part should be attached to the main frame by means of bolt having metal hinges.

Fixed Sizes (Approx):

- 1) Head Raise part: 25" x 32"
- 2) Fixed part: 8" x 32"
- 3) Knee bridge part: 12" x 32"
- 4) Leg Rest part: 24" x 32"
 - Bedding area made of steel wire mesh 5 mm size with spacing of 1" x 3". It will be reinforced with support of square pipe beneath.
 - The fixed part shall be of strip/ (s).
 - Head raise & knee raise by means of two cranks.
 - Both cranks moving pipe at head and leg places be of 16 SWG 1-1/2" rounded pipe, attached across head and leg part with triangular brackets of 1/4"thick x 2" plate. Pipe must be welded inside of both plates.
 - The foot part should have vascular position with a lever mechanism for moving of foot part in knee bridge position.
 - A surface bearing must be fixed for friction free movement of crank.
 - The handle of the cranks should be retractable and collapsible and be made in one piece of 1/2" steel rod.
 - Cranks main screw made of dia: 7/8" steel rod with square/ ACMI brass type of threading fixed in ball bearing with safe limit and smooth working mechanism.
 - Head & foot part of mattress frame have (Mattress stay) steel brackets CO₂ welded for keeping the mattress in proper place.
 - High quality head & foot panels made of ABS material and of 304 grade SS 1-1/4" round 16 SWG pipe covered with ABS mater covering more than half of the width of the sideboard. (The SS frame shall be fixed with mainframe with bot.
 - Hooks for N.G. / urine bag on both sides in center of the bed.

Foundation Frame: Made of 16 SWG 1-1/4" x 2-1/2" rectangular pipes welded together at corner.

Bumpers: Four 5" rounded solid bumpers of made of flexible material at all corner.

Castors: 5" imported ball bearing rust proof, water proof, high quality castors with individual total locking on two casters.

Finish: All metals part to be chemically degreased/ de-rusted through phosphate treatment and covered with antimicrobial polyester powder coating, the colour shall be white.

Welding: All metal parts should be welded by CO₂ gas.

Side Rails:

- Foldable side guards with smooth rounded ABS material.
- Fixed to the bed on both sides covering 70% of platform length when engaged. 304 G Stainless steel bars.
- Steel locking mechanism for strength.
- Minimum height when in use 30 cm from mattress platform.

Mattress: Best quality mattress size approximate 78" x 36" x 4" (Inches) having density of 34-36 kg/m3. Water proof Rexene cover having best quality PC and Zipper.

Bed Side Locker:

- Powder coated sheet steel construction. Galvanized steel 20 SWG.
- Top one drawer with one bottom compartment.
- Built in handle for durability.
- Plastic top laminated with raised edges on 3 sides. Four 1-1/4" SS pipe stumps with rubber adjuster. Compatible with the offered bed in color (white) and functionality. All metal parts should be welded by CO₂ gas.
- Approx. Overall size: (18 W x 15" D x 32" H)

Over Bed Table:

- Powder coated mild steel construction. U-shaped to cover the whole width of the bed; fixed height.
- Compatible with the offered bed in color and functionality. Plastic top under MED sheet with rounded edges and cup/ glass holders' approx. top size: 81 x 35 cm. 3' high quality castors with individual total locking on two casters.
- Stainless steel foot rest at base. All metal parts should be welded by CO₂ gas.

Attendant Bench with Back Support & Mattress:

- 304 grade SS, 16 SWG structure. Non-magnetic, base structure (1" x 1-1/2")
- Top of 304 grade SS strips/ bars (1" x 1-1/2") (16 SWG) with proper 1" gap in between the bars.
- Size of the bench (48 L x 18 H x 14 W inches) approx.
- Mattress with scratch less Rexene covers with flap to secure the matters on the benches. At the size of bench, having 3 inches thickness.

Note:

1. If technical committee required demonstration of quoted model can be asked to supplier firms during technical evaluation.

Warranty:

Five (5) years warranty.

The firm has strong set up for back up support in Karachi.

Country of Origin: Local/ Imported

Tender No. 126/2025 Furniture & Fixture

Sr. No.	Description	Qty	Unit Price With GST	Total Price with GST
1.	Table	42		
2.	Executive Chair	1		
3.	Chair	100		
4.	Sofa's	40		
5.	Computer Table	10		
6.	Revolving Chair	36		
7.	Working Table	1		
8.	Nursing Counters	12		
9.	Patient Examination Stool	69		

10.	Patient Examination Couches	51		
11.	Wheel Chair	34		
12.	Stretchers	11		
13.	Screens	9		
14.	Revolving Chair for Doctors	4		
15.	IV Stand	86		
16.	Table (Doctors + Ultrasound)	6		
17.	Iron Racks	50		
18.	Water Dispenser	8		
19.	Medicine Trolley	15		
20.	Blinds	3		
21.	Dental Cabinet	1		
22.	Office Chair	5		
23.	Wooden Racks	1		
24.	Patient Recover Trolley	4		
25.	LED TB 40" (Qty 02), 60" (05)	7		
26.	Microwave Oven	6		
27.	Directory Sign Boards	Misc.		

Sr. #	Specification Required
	Office table Executive , Wooden 16mm thick Shesham veneer vin board (Sample required) Table Size .5-ft x3-ft, Fabrication of whole table including top out of 1-1/2" thick side with shesham veneer vin board. Same beading / molding, footing & rails. Lock, handle, hinges, catcher, sliding grip channel high quality SMC or equivalent. Two drawer unit (on both side of the table to be provided. Complete in all respect as per prevailing standard.
1.	Office table , Wooden 16mm thick Shesham veneer vin board (Sample required) Table Size .4-ft x 2 ½ ft Fabrication of whole table including top out of 1-1/2" thick shesham veneer vin board. Same beading / molding, footing & rails. Lock, handle, hinges, catcher, sliding grip channel high quality SMC or equivalent. Two drawer unit (on both side of the table to be provided. Complete in all respect as per prevailing standard.
	8 mm Glass top for Office Table Providing 8 mm Plain Glass with edge beveling as per instructions. Size will be as per required table.
2	Executive Office chair High Back , local or imported (Sample required) Standard Size . Having five-star revolving base (320mm) with tilting / hydraulic system to be provided. Internal seat frame out of moulded ply standard thickness size, 3"th foam (Molty Foam) on seat and back covered with approved quality of fabric / leatherite back. Complete in all respect as per prevailing standard.
3	Office guest chair , Wooden (Shesham Seasoned) (Sample required) Standard Size : Outer frame and legs out of shesham wood. Internal frame seat and back out of hard wood. 3"th foam on seat & 2"th foam on back covered with fabric / leatherite. Lacquer finish. Complete in all respect as per prevailing standard.
4	Sofa steel 3 in 1/ bench type for waiting area , local or imported (Sample required) Standard Size . Fabrication of seat and back out of S.S sheet (16 SWG). Side arms made with molding S.S sheet (18 SWG). Base stand made of 4inch x 2-inch (16SWG) M.S pipe. Legs made of 2-1/4inch oval shape. S.S pipe (16SWG) plastic / rubber boots on foot bottom. Complete in all respect as per prevailing standard.
	Sofa steel 3 in 1/ bench type for waiting area , local or imported (Sample required) Standard Size . Fabrications of seat and back out of PU finish with side arms made with PU. Base made of 4inch x 2-inch (16SWG) M.S pipe. Legs made of 2-1/4inch oval shape M.S. pipe (16SWG) chrome plated including plastic / rubber boots on foot bottom. Complete in all respect as per prevailing standard.

	Sofa steel 3 in 1/ bench type for waiting area , local or imported (Sample required) Standard Size. Fabrications with M.S pipe, with powder coating paint. Having 2" x 1—1/2" M.S pipe 18 SWG for whole frame, including side arms. Providing foam Cosigning on seat and back. With 2" thick master Molty foam, and best quality leatherite / Fabric. Provide Rubber boots on foot bottom. Complete in all respect as per prevailing standard.
5	Computer Table Wooden 16mm thick Shesham veneer vin board (Sample required) Table Size. W20" x L 36" x H 30", Using Chip board Lamination sheet 16 mm (Patex Brand) for cabinet's box complete (sides, top, bottom, and back side also) with best quality 1 mm high class PVC edging tape. Having key board sliding shelf, with two drawers, and CPU cabin
6	Reception counter revolving chair Standard Back with arms , local or imported (Sample required) Standard Size. Having five-star revolving bases (320mm) with tilting / hydraulic system to be provided. Internal seat frame out of moulded ply standard thickness size, 3"th foam (Molty Foam) on seat covered with approved quality of fabric / leatherite back. Arms made of unbreakable material. Complete in all respect as per prevailing standard.
7	Working Table as per requirement of hospital
8	Reception counter , (for item # 8,17,20) Size. (24" to 30" Deep & 36" to 42" Height) <ul style="list-style-type: none"> Using Chip board Lamination sheet 16 mm (Patex Brand) for counter box complete (sides, top, bottom, side also) with best quality 1 mm high class PVC edging tape. Using High gloss UV sheet 17 mm (Al Noor) for shutter doors, and counter Top also (as per giving design) with best quality 1 mm PVC edging tape. Having 3 D hinges, good quality of handle, lock in each door (SMC brand) Having drawers, cabinet's shutters, key board, and CPU cabin arrangements as per requirement. Providing 1" x 1" Squire S.S Pipe (16 SWG) Floor Stand of 4" height as base of wooden counter, Providing plastic best quality end cap stopper on each foot. <p>(Note: - Please quoted rates of counter in SFT)</p> <p>Protection Glass (for item # 8,17,20) 8mm tempered glass 2 feet height with side edging, holes cutting and grinding complete with S.S clips/rod fitting. Complete in all respects Note: please quoted rates of Protection glass in RFT</p>
9	Patient Stools, with standard size base made of chrome plated S.S pipe $\frac{3}{4}$ ", top standard size made of S.S (16 SWG) with 4mm base plate construction of 5 pipes supporting. Complete in all respect as per prevailing standard. Best quality (Sample required)
10	Patient Examination Stool, with standard size base made of crowm plated S.S pipe $\frac{3}{4}$ ", top standard size made of PU construction of 5 pipe supporting. Complete in all respect as per prevailing standard. Best quality (Sample required)
11	Wheel Chair (Imported or Local)
12	Stretcher, Local / Imported
13	Ward Screens, Local / Imported
14	Revolving chair for Doctors Standard Back with arms , local or imported (Sample required)

	Standard Size. Having five-star revolving bases (320mm) with tilting / hydraulic system to be provided. Internal seat frame out of moulded ply standard thickness size, 3''th foam (Molty Foam) on seat covered with approved quality of fabric / leatherite back. Arms made of unbreakable material. Complete in all respect as per prevailing standard.
15	IV Stand, Local
16	<p>Table (Doctors + Ultrasound) Wooden 16mm thick Shesham veneer vin board (Sample required) Table Size. 4-ft x 2 1/2 ft</p> <p>Fabrication of whole table including top out of 1-1/2" thick shesham veneer vin board. Same beading / molding, footing & rails. Lock, handle, hinges, catcher, sliding grip channel high quality SMC or equivalent. Two drawer unit (on both side of the table to be provided. Complete in all respect as per prevailing standard.</p>
17	<p>Iron Rack M.S Rack size 7' x 4' x 2', with four Step (load capacity 500 Kg/ Shelf) (Floor Standing Type) Having M.S "U" type (16 SWG, 3" x 2") vertical pillars with multi holes with distance of 6" c/c, for adjustment of shelf as per requirement. Having M.S "C" type beam (14 SWG, 2" x 1.5") horizontal channel which provide support for shelf, for fixing arrangement with M.S nut bolt. Having M.S "L" type (16 SWG, 1.5" x 1.5") angle for cross bar on both sides to provide strength (as per picture) Having M.S (20 SWG) shelf with U type bending on each side.</p> <p>M.S Slotted Angle Rack size 7' x 4' x 2', with Five Step (load capacity 100 Kg/ Shelf) (Floor Standing Type) Having M.S "L" type (14 SWG, 1-1/2" x 1-1/2") vertical pillars with multi holes with distance of 6" c/c, for adjustment of shelf as per requirement. Having M.S (20 SWG) shelf, with "C" type bend on both sides with fixing arrangement with G.I nut bolt. (as per provided picture) Having M.S (22 SWG) shelf with U type bending on each side.</p> <p>M.S Slotted Angle Rack size 7' x 3' x 1.5', with Five Step (load capacity 100 Kg/ Shelf) (Floor Standing Type) Having M.S "L" type (14 SWG, 1.5" x 1.5") vertical pillars with multi holes at distance of 6" c/c, for adjustment of shelf as per requirement. Having M.S (20 SWG) shelf with U type 1.5" bending on each side with G.I nut bolt for fixing arrangement.</p> <p>M.S Display one sided Rack size 6' x 3' x 12", with Five Step (Floor Standing Type) Having M.S "U" type Channel (14 SWG) as vertical pillars with multi holes at distance of 6" c/c, for adjustment of shelf as per requirement. With double coat powder coating paint (any color) Having M.S (20 SWG) shelf with U type 1.5" bending on each side with supporting side brackets (14 SWG) for shelf fixing arrangement. with double coat powder coating paint (any color)</p> <p>Pilot step (Floor Stand) 4' x3'x6" for storage of heavy weight (load capacity 1000 Kg/ pilot Having M.S pipe 1"x1" for pilot frame. Having M.S (20 SWG) Sheet for its top.</p> <p>Note: All Racks should be assembled on site by contractor. Double coat Powder coating color will be done, as per client color choice for each item. Quantities are estimated it could be decrease, increase and remove any item as per site and end user requirements. Pictures can be provided for more details.</p>
18	Water Dispenser

19	Medicine Trolley Small, Local / Imported
20	Blinds
21	<p>Dental Counter and Cabinet Wooden Cabinet 22" depth (Floor Standing Type)</p> <p>Using Chip board Lamination sheet 16 mm (Patex Brand) for cabinet's box complete (sides, top, bottom, and back side also) with best quality 1 mm high class PVC edging tape. 22" deep and 32" height with one adjustable self in each box.</p> <p>Using super MDF High gloss lamination sheet 17 mm (ZRK/AI Noor) for shutter door, with best quality 1 mm PVC edging tape. Having 3 D hinges, good quality of handle, lock in each door (SMC brand)</p> <p>Providing 1" x 1" Squire S.S Pipe (16 SWG) Floor Stand of 4" height as base of wooden cabinets. Providing plastic best quality end cap stopper on each foot</p> <p>Granite Marble Top for Floor Standing Cabinets (24" wide Marble Top)</p> <p>Having best quality 24" wide black granite marble top with proper edging gola with proper fixing and water proofing arrangement.</p>
22	<p>Office guest chair, Wooden (Shesham Seasoned) (Sample required)</p> <p>Standard Size: Outer frame and legs out of shesham wood. Internal frame seat and back out of hard wood. 3''th foam on seat & 2''th foam on back covered with fabric / leatherite. Lacquer finish. Complete in all respect as per prevailing standard.</p>
23	<p>Wooden Racks Wooden Rack 20" depth (Floor Standing Type)</p> <p>Using Chip board Lamination sheet 16 mm (Patex Brand) for cabinet's box complete (sides, top, bottom, and back side also) with best quality 1 mm high class PVC edging tape. 20" deep and 32" height with two self in each rack.</p>
24	Recovery Trolley, Imported / Local
25	LED TV 40" & 60"
26	Microwave Oven
27	Directory Sign Boards